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GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: June 7, 2003, 09:40:42 ; Search time 18 Seconds  
(without alignments)  
1778.027 Million cell updates/sec

Title: US-09-524-531C-13

Perfect score: 1633

Sequence: 1 MALSRRLRLRYARLPHPFL.....VVYRTSEGDPRHKSFVI 310

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 392085 seqs, 103240269 residues

Total number of hits satisfying chosen parameters: 392085

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA.\*  
1: /cgn2\_6/ptodata/2/pubpaa/US08\_NEW\_PUB.pep.\*  
2: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep.\*  
3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep.\*  
4: /cgn2\_6/ptodata/2/pubpaa/US07\_NEW\_PUB.pep.\*  
5: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep.\*  
6: /cgn2\_6/ptodata/2/pubpaa/PCT07\_PUBCOMB.pep.\*  
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9: /cgn2\_6/ptodata/2/pubpaa/US09\_NEW\_PUB.pep.\*  
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13: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep.\*  
14: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	1409	86.3	310	9	US-10-033-245-20
3	1409	86.3	310	9	US-10-033-223-20
4	1409	86.3	310	9	US-10-033-167-20
5	1409	86.3	310	9	US-09-902-853-423
6	1409	86.3	310	9	US-10-033-244-20
7	1409	86.3	310	9	US-09-907-824-423
8	1409	86.3	310	9	US-09-907-841-423
9	1409	86.3	310	9	US-09-904-011-423
10	1409	86.3	310	9	US-10-028-072-538
11	1409	86.3	310	9	US-09-906-742-423
12	1409	86.3	310	9	US-10-121-049-538
13	1409	86.3	310	9	US-10-123-904-538
14	1409	86.3	310	9	US-10-140-470-538
15	1409	86.3	310	9	US-09-906-838-423
16	1409	86.3	310	9	US-09-907-613-423
17	1409	86.3	310	9	US-09-907-942-423
18	1409	86.3	310	9	US-10-033-435-20
19	1409	86.3	310	9	US-10-175-746-538

20	1409	86.3	310	9	US-10-176-918-538	Sequence 538, App
21	1409	86.3	310	9	US-10-176-921-538	Sequence 538, App
22	1409	86.3	310	9	US-10-033-990-20	Sequence 20, App
23	1409	86.3	310	9	US-10-137-865-538	Sequence 538, App
24	1409	86.3	310	9	US-10-140-474-538	Sequence 538, App
25	1409	86.3	310	9	US-09-904-820-423	Sequence 423, App
26	1409	86.3	310	9	US-09-904-859-423	Sequence 423, App
27	1409	86.3	310	9	US-09-904-204-423	Sequence 423, App
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31	1409	86.3	310	9	US-09-906-646-423	Sequence 423, App
32	1409	86.3	310	9	US-09-906-700-423	Sequence 423, App
33	1409	86.3	310	9	US-10-140-002-538	Sequence 538, App
34	1409	86.3	310	9	US-09-902-903-423	Sequence 423, App
35	1409	86.3	310	9	US-09-903-749A-423	Sequence 423, App
36	1409	86.3	310	9	US-09-903-786-423	Sequence 423, App
37	1409	86.3	310	9	US-10-142-419-538	Sequence 538, App
38	1409	86.3	310	9	US-09-902-736-423	Sequence 423, App
39	1409	86.3	310	9	US-09-904-119-423	Sequence 423, App
40	1409	86.3	310	9	US-09-904-956-423	Sequence 423, App
41	1409	86.3	310	9	US-09-907-794-423	Sequence 423, App
42	1409	86.3	310	9	US-10-050-704-109	Sequence 109, App
43	1409	86.3	310	9	US-10-050-704-163	Sequence 163, App
44	1409	86.3	310	9	US-10-050-704-164	Sequence 164, App
45	1409	86.3	310	9	US-10-123-262-538	Sequence 538, App

#### ALIGNMENTS

RESULT 1  
US-09-905-291A-423  
Sequence 423, Application US/09905291A  
Patent No. US20020160374A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Borstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Ecton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Geo, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Macher, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/905, 291A  
CURRENT FILING DATE: 2001-07-12  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143, 046  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145, 698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146, 222

PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/223089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO 423  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-905-291A-423

Query Match 86.3%; Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%; Pred. No. 9,1e-89;  
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

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DB 1 MALRRPRLRLCARLPDFLLLLFRGLIGAVNLKSNRPVVOEFSEVLSCTITDSQT 60  
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DB 61 SDPRIEWKKIQDQGTYYVFDNKKIQGLAGRAELIGKTSIKINWTRSDSALYRCEVVAR 120  
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DB 121 NDKKEIDELIVELIVOKKPTVPCRPAPAVNGMATLHCQSEBGRPHYSRYRNDVPL 180  
QY 181 PTDSRANPRFQNSFHVNSSETGLVFENAVAKDSDGQYYCIASNDAGARCEGDMVEYDL 240  
DB 181 PTDSRANPRFRNSFHLNSETGLVFAVHKDSDGQYYCIASNDAGARCEBQEMEYDL 240  
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DB 241 NIGGIIGVVLVAVIALITLIGICCAVRCGYFINNKQDGSYKPKGPDGVNTIRIDEEG 300  
QY 301 DFRHKSFEV 310  
DB 301 DFRHKSFEV 310

RESULT 2  
US-10-033-245-20

Sequence 20, Application US/10033245  
Patent No. US20020160392A1  
GENERAL INFORMATION:  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William J.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2930R1C7  
CURRENT FILING DATE: US/10/033,245  
CURRENT FILING DATE: 2001-12-27  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/095,325  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,145  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,145  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/115,558  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,565  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,733  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/119,341  
PRIOR FILING DATE: 1999-02-09  
PRIOR APPLICATION NUMBER: 60/119,537  
PRIOR FILING DATE: 1999-02-10  
PRIOR APPLICATION NUMBER: 60/119,965  
PRIOR FILING DATE: 1999-02-12  
PRIOR APPLICATION NUMBER: 60/162,506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 60/170,262  
PRIOR FILING DATE: 1999-12-09  
PRIOR APPLICATION NUMBER: 60/187,202  
PRIOR FILING DATE: 2000-03-03  
PRIOR APPLICATION NUMBER: PCT/US99/12252  
PRIOR FILING DATE: 1999-06-02  
PRIOR APPLICATION NUMBER: PCT/US99/28634  
PRIOR FILING DATE: 1999-12-01  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US00/03565  
PRIOR FILING DATE: 2000-02-11  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/08439  
PRIOR FILING DATE: 2000-03-30  
PRIOR APPLICATION NUMBER: PCT/US00/14941  
PRIOR FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
NUMBER OF SEQ ID NOS: 38  
SEQ ID NO 20  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-033-245-20

Query Match 86.3%; Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%; Pred. No. 9,1e-89;  
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRLRLVRLPHFFLLLLFRGCMIEAVNLKSNRPVHVEFSEVLSCTITHSQT 60  
DB 1 MALRRPRLRLCARLPDFLLLLFRGLIGAVNLKSNRPVVOEFSEVLSCTITDSQT 60

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US-10-033-223-20
; Sequence 20, Application US/10033223
; Patent No. US20020164646A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austen L.
; APPLICANT: Pan, James
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Collin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OR INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2930R1C9
; CURRENT APPLICATION NUMBER: US/10/033,223
; CURRENT FILING DATE: 2001-12-27
; PRIOR APPLICATION NUMBER: 60/095,325
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/112,851
; PRIOR FILING DATE: 1998-12-16
; PRIOR APPLICATION NUMBER: 60/113,145
; PRIOR FILING DATE: 1998-12-16
; PRIOR APPLICATION NUMBER: 60/113,511
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/115,558
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115,565
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; PRIOR APPLICATION NUMBER: 60/119,341
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; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: 60/119,965
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: 60/162,506
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 60/170,262
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: 60/187,202
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: 1999-06-02

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? PRIOR FILING DATE: 1999-12-01
? PRIOR APPLICATION NUMBER: PCT/US99/28551
? PRIOR FILING DATE: 1999-12-02
? PRIOR APPLICATION NUMBER: PCT/US00/03565
? PRIOR FILING DATE: 2000-02-11
? PRIOR APPLICATION NUMBER: PCT/US00/04414
? PRIOR FILING DATE: 2000-02-22
? PRIOR APPLICATION NUMBER: PCT/US00/05841
? PRIOR FILING DATE: 2000-03-02
? PRIOR APPLICATION NUMBER: PCT/US00/08439
? PRIOR FILING DATE: 2000-03-30
? PRIOR APPLICATION NUMBER: PCT/US00/14941
? PRIOR FILING DATE: 2000-05-30
? PRIOR APPLICATION NUMBER: PCT/US00/15264
? PRIOR FILING DATE: 2000-06-02
? PRIOR APPLICATION NUMBER: PCT/US00/32678
? PRIOR FILING DATE: 2000-12-01
? NUMBER OF SEQ ID NOS: 38
? SEQ ID NO 20
? LENGTH: 310
? TYPE: PRY
? ORGANISM: Homo sapiens
US-10-033-223-20

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Query Match      86.3%; Score 1409; DB 9; Length 310;
Best Local Similarity    85.8%; Pred. No. 9.1e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0.

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QY      301 DFRKSSFVI 310
DB      301 DFRKSSFVI 310

RESULT 4
US-10-033-167-20
; Sequence 20, Application US/10033167
; Publication No. US20020182618A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

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/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2930R1C10
/ CURRENT APPLICATION NUMBER: US/10/033,167
/ CURRENT FILING DATE: 2001-12-27
/ PRIOR APPLICATION NUMBER: 60/095,325
/ PRIOR FILING DATE: 1998-08-04
/ PRIOR APPLICATION NUMBER: 60/112,851
/ PRIOR FILING DATE: 1998-12-16
/ PRIOR APPLICATION NUMBER: 60/113,145
/ PRIOR FILING DATE: 1998-12-16
/ PRIOR APPLICATION NUMBER: 60/113,511
/ PRIOR FILING DATE: 1998-12-22
/ PRIOR APPLICATION NUMBER: 60/115,558
/ PRIOR FILING DATE: 1999-01-12
/ PRIOR APPLICATION NUMBER: 60/115,565
/ PRIOR FILING DATE: 1999-01-12
/ PRIOR APPLICATION NUMBER: 60/115,733
/ PRIOR FILING DATE: 1999-01-12
/ PRIOR APPLICATION NUMBER: 60/119,341
/ PRIOR FILING DATE: 1999-02-09
/ PRIOR APPLICATION NUMBER: 60/119,537
/ PRIOR FILING DATE: 1999-02-10
/ PRIOR APPLICATION NUMBER: 60/119,965
/ PRIOR FILING DATE: 1999-02-12
/ PRIOR APPLICATION NUMBER: 60/162,506
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/ PRIOR FILING DATE: 1999-12-09
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/ PRIOR FILING DATE: 2000-02-11
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/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: PCT/US00/05841
/ PRIOR FILING DATE: 2000-03-02
/ PRIOR APPLICATION NUMBER: PCT/US00/08439
/ PRIOR FILING DATE: 2000-03-30
/ PRIOR APPLICATION NUMBER: PCT/US00/14941
/ PRIOR FILING DATE: 2000-05-30
/ PRIOR APPLICATION NUMBER: PCT/US00/15264
/ PRIOR FILING DATE: 2000-06-02
/ PRIOR APPLICATION NUMBER: PCT/US00/32678
/ PRIOR FILING DATE: 2000-12-01
/ NUMBER OF SEQ ID NOS: 38
/ SEQ ID NO 20
/ LENGTH: 310
/ TYPE: PRT
/ ORGANISM: Homo sapiens
/ US-10-033-167-20

Query Match      86.3%: Score 1409; DB 9; Length 310;
Best Local Similarity 85.8%; Pred. No. 9.1e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRLRLVYARLPHFLLFRGCMLEAVNLKSSNRNPVVHFESEVELSCIITHSQT 60
DB 1 MALRRPRLRLCARLPDFLLFRGLIGAVNLKSSNRTPPVQEFESVELSCIITHDSQT 60
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DB 301 DFRHKSFFVI 310

RESULT 5
/ US-09-902-853-423
/ Sequence 423, Application US/09902853
/ Publication No. US20020192659A1.
/ GENERAL INFORMATION:
/ APPLICANT: Gentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gertlisen, Mary E.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Matner, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/902,853
/ PRIOR FILING DATE: 2001-07-10
/ PRIOR APPLICATION NUMBER: US/09/665,350
/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
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; PRIOR FILING DATE: 1999-12-02  
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095  
 ; PRIOR FILING DATE: 1999-12-16  
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911  
 ; PRIOR FILING DATE: 1999-12-20  
 ; PRIOR APPLICATION NUMBER: PCT/US99/30999  
 ; PRIOR FILING DATE: 1999-12-20  
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219  
 ; PRIOR FILING DATE: 2000-01-05  
 ; NUMBER OF SEQ ID NOS: 423  
 ; SEQ ID NO 423  
 ; LENGTH: 310  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapien  
 ; US-09-902-853-423

Query Match 86.3%; Score 1409; DB 9; Length 310;  
 Best Local Similarity 85.8%; Pred. No. 9, 1e-89;  
 Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRLRLRYARLPHPFLLLFRGCMTEAVNLKSSNNPVPVHFESEVLSCTITTSQT 60  
 DB 1 MALRPPRLRLCARLPDFLLFRGCLIGAVNLKSSNRTPVQEFSEVLSCTITTSQT 60  
 QY 61 SDPRIEMKKIODEGQTTYYFDNKKIOGDLAAGRTDVGKTSLRIMWTRSDSALYRCEVVAL 120  
 DB 61 SDPRIEMKKIODEGQTTYYFDNKKIOGDLAAGRTDVGKTSLRIMWTRSDSALYRCEVVAL 120  
 QY 121 NDRKEVDITTELIVQVPTVPVCRIIPAAPVPGKATLLOCSESEGYPRPHYSWYRNDVPL 180  
 DB 121 NDRKEIDIVIELTVQVPTVPVCRIIPAAPVPGKATLLOCSESEGYPRPHYSWYRNDVPL 180  
 QY 181 PTDSANRPFONSSFVNSETGTLVFNNAVHKODSGQYCIASNDAGARCEGDMEVYDL 240  
 DB 181 PTDSANRPFONSSFVNSETGTLVFNNAVHKODSGQYCIASNDAGARCEGDMEVYDL 240  
 QY 241 NIAGIIGVLLVLAIVTMGICCAVRRGCFISSKODGESYKSPGKHGYNVYRTSEBG 300  
 DB 241 NIAGIIGVLLVLAIVTMGICCAVRRGCFISSKODGESYKSPGKHGYNVYRTSEBG 300  
 QY 301 DFRHKSFEVI 310  
 DB 301 DFRHKSFEVI 310

RESULT 6  
 US-10-033-244-20  
 ; Sequence 20, Application US/10033244  
 ; Application No. US2002019268A1  
 ; ORGANISM INFORMATION:

; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2930R1C2  
 ; CURRENT APPLICATION NUMBER: US/10/033,244  
 ; PRIOR FILING DATE: 2001-12-27  
 ; PRIOR APPLICATION NUMBER: 60/095,325  
 ; PRIOR FILING DATE: 1998-08-04  
 ; PRIOR APPLICATION NUMBER: 60/112,851  
 ; PRIOR FILING DATE: 1998-12-16  
 ; PRIOR APPLICATION NUMBER: 60/113,145

; PRIOR FILING DATE: 1998-12-16  
 ; PRIOR APPLICATION NUMBER: 60/113,511  
 ; PRIOR FILING DATE: 1998-12-22  
 ; PRIOR APPLICATION NUMBER: 60/115,558  
 ; PRIOR FILING DATE: 1999-01-12  
 ; PRIOR APPLICATION NUMBER: 60/115,565  
 ; PRIOR FILING DATE: 1999-01-12  
 ; PRIOR APPLICATION NUMBER: 60/115,733  
 ; PRIOR FILING DATE: 1999-01-12  
 ; PRIOR APPLICATION NUMBER: 60/119,341  
 ; PRIOR FILING DATE: 1999-02-09  
 ; PRIOR APPLICATION NUMBER: 60/119,537  
 ; PRIOR FILING DATE: 1999-02-10  
 ; PRIOR APPLICATION NUMBER: 60/119,965  
 ; PRIOR FILING DATE: 1999-02-12  
 ; PRIOR APPLICATION NUMBER: 60/162,506  
 ; PRIOR FILING DATE: 1999-10-29  
 ; PRIOR APPLICATION NUMBER: 60/170,262  
 ; PRIOR FILING DATE: 1999-12-09  
 ; PRIOR APPLICATION NUMBER: 60/187,202  
 ; PRIOR FILING DATE: 2000-03-03  
 ; PRIOR APPLICATION NUMBER: PCT/US99/12252  
 ; PRIOR FILING DATE: 1999-06-02  
 ; PRIOR APPLICATION NUMBER: PCT/US99/28634  
 ; PRIOR FILING DATE: 1999-12-01  
 ; PRIOR APPLICATION NUMBER: PCT/US99/28551  
 ; PRIOR FILING DATE: 1999-12-02  
 ; PRIOR APPLICATION NUMBER: PCT/US00/03565  
 ; PRIOR FILING DATE: 2000-02-11  
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414  
 ; PRIOR FILING DATE: 2000-02-22  
 ; PRIOR APPLICATION NUMBER: PCT/US00/05841  
 ; PRIOR FILING DATE: 2000-03-02  
 ; PRIOR APPLICATION NUMBER: PCT/US00/08439  
 ; PRIOR FILING DATE: 2000-03-30  
 ; PRIOR APPLICATION NUMBER: PCT/US00/14941  
 ; PRIOR FILING DATE: 2000-05-30  
 ; PRIOR APPLICATION NUMBER: PCT/US00/15264  
 ; PRIOR FILING DATE: 2000-06-02  
 ; PRIOR APPLICATION NUMBER: PCT/US00/32678  
 ; PRIOR FILING DATE: 2000-12-01  
 ; NUMBER OF SEQ ID NOS: 38  
 ; SEQ ID NO 20  
 ; LENGTH: 310  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-033-244-20

Query Match 86.3%; Score 1409; DB 9; Length 310;  
 Best Local Similarity 85.8%; Pred. No. 9, 1e-89;  
 Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRLRLRYARLPHPFLLLFRGCMTEAVNLKSSNNPVPVHFESEVLSCTITTSQT 60  
 DB 1 MALRPPRLRLCARLPDFLLFRGCLIGAVNLKSSNRTPVQEFSEVLSCTITTSQT 60  
 QY 61 SDPRIEMKKIODEGQTTYYFDNKKIOGDLAAGRTDVGKTSLRIMWTRSDSALYRCEVVAL 120  
 DB 61 SDPRIEMKKIODEGQTTYYFDNKKIOGDLAAGRTDVGKTSLRIMWTRSDSALYRCEVVAL 120  
 QY 121 NDRKEVDITTELIVQVPTVPVCRIIPAAPVPGKATLLOCSESEGYPRPHYSWYRNDVPL 180  
 DB 121 NDRKEIDIVIELTVQVPTVPVCRIIPAAPVPGKATLLOCSESEGYPRPHYSWYRNDVPL 180  
 QY 181 PTDSANRPFONSSFVNSETGTLVFNNAVHKODSGQYCIASNDAGARCEGDMEVYDL 240  
 DB 181 PTDSANRPFONSSFVNSETGTLVFNNAVHKODSGQYCIASNDAGARCEGDMEVYDL 240  
 QY 241 NIAGIIGVLLVLAIVTMGICCAVRRGCFISSKODGESYKSPGKHGYNVYRTSEBG 300  
 DB 241 NIAGIIGVLLVLAIVTMGICCAVRRGCFISSKODGESYKSPGKHGYNVYRTSEBG 300  
 QY 301 DFRHKSFEVI 310

Db 301 DFRKSSFEVI 310

RESULT 7  
US-09-907-824-423; Sequence 423, Application US/09907824  
; Publication No. US20020197611A1

; GENERAL INFORMATION:

APPLICANT: Gentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Geider, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/907,824  
CURRENT FILING DATE: 2001-07-17  
PRIOR APPLICATION NUMBER: 09/665,350  
PRIOR FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1998-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO 423  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-907-824-423

Query Match 86.3%; Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%; Pred. No. 9,1e-89;  
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRLRYARLPHFLLLLFRGCMTEAVNLKSNRNPNVHFESEVLSCTITTSQT 60  
Db 1 MALRRPRLRLCARLPDFLLLFPGCLIGAVNLKSNRTPVQFESEVLSCTITTSQT 60  
QY 61 SDPRIEMKKIODEQTTVYFEDNKIQGDLAGRAELIGKTSLKIMVTRDSALRYCEVVAL 120  
Db 61 SDPRIEMKKIODEQTTVYFEDNKIQGDLAGRAELIGKTSLKIMVTRDSALRYCEVVAL 120  
QY 121 NDRKEVDITTELLIYQVVPVPCIRPAVPYKTAATLQCESEGVPRPHYSWYNDVPL 180  
Db 121 NDRKEIDIVIELTVQVVPVPCIRPAVPYKTAATLQCESEGVPRPHYSWYNDVPL 180  
QY 181 PTDSRANRPFQNSFHNVSSETGLVENAVHODDSQYCYCISNDGAAARCEQDMEVVDL 240  
Db 181 PTDSRANRFRNSFHNSSETGLVFTAVHKDDSQYCYCISNDGAAARCEQDMEVVDL 240  
QY 241 NIAGIIGVLVLLVLAIVTMGICCAVRRGCFISSKODGESYKDPKHDGVNVIYRTSEBG 300  
Db 241 NIAGIIGVLVLLVLAIVTMGICCAVRRGCFISSKODGESYKDPKHDGVNVIYRTSEBG 300  
QY 301 DFRKSSFEVI 310  
Db 301 DFRKSSFEVI 310

RESULT 8  
US-09-907-841-423

; Sequence 423, Application US/09907841

; Publication No. US20020198366A1

; GENERAL INFORMATION:

APPLICANT: Gentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Geider, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/907,841  
CURRENT FILING DATE: 2001-11-20



PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
Deleting Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO 423  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-907-841-423

Query Match 86.3%; Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%; Pred. No. 9,1e-89;  
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRLRYALPHPEFLLLFRGCMIEAVNLKSNRNPNVHFBSEVLSCTITHSOT 60  
DB 1 MALRRPRLRLCARLPDFLLFRGCLIGAVNLKSNRNTPVQBFSEVLSCTITDSOT 60  
QY 61 SDPRIEMKKIODEQTTYYFNDKIOGDLAGRTDVGKTSLRIMNTRSDSAIYRCEVVAL 120  
DB 61 SDPRIEMKKIODEQTTYYFNDKIOGDLAGRAEILGKTSLRIMNTRRSALYRCEVAR 120  
QY 121 NDRKVDDEITLILYQKVPVTCRIPAAVPVYKATATLCCQSEGEYPRPHYSWYRNDVPL 180  
DB 121 NDRKVIDEIVILTYQVKVTPVCPKAVPVYKMAATLHCQSEGEHPRPHYSWYRNDVPL 180  
QY 181 PTDSSANPRFONSSFVNSETGLVFNVAHKDSCGYCIAINDGAACGODEMEVYDL 240  
DB 181 PTDSSANPRFONSSFVNSETGLVFTVAHKDSCGYCIAINDGASARCEQDEMEVYDL 240  
QY 241 NIAGIIGVLLVLAIVITMGICCAVRRGCFISSKODESYKSPCKHGDGVNVIYRTSEEG 300  
DB 241 NIAGIIGVLLVLAIVITMGICCAVRRGCFISSKODESYKSPCKHGDGVNVIYRTDEEG 300  
QY 301 DFRHKSFPYI 310  
DB 301 DFRHKSFPYI 310

RESULT 9

US-09-904-011-423  
Sequence 423, Application US/09904011  
Publication No. US2003000350A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerltzen, Mary E.

APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gunney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acid Encoding the Same  
FILE REFERENCE: 10466-14  
CURRENT FILING DATE: US/09/904,011  
PRIOR APPLICATION NUMBER: 2001-07-11  
PRIOR FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO 423  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-904-011-423

Query Match 86.3%; Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%; Pred. No. 9,1e-89;  
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRLRYALPHPEFLLLFRGCMIEAVNLKSNRNPNVHFBSEVLSCTITHSOT 60  
DB 1 MALRRPRLRLCARLPDFLLFRGCLIGAVNLKSNRNTPVQBFSEVLSCTITDSOT 60  
QY 61 SDPRIEMKKIODEQTTYYFNDKIOGDLAGRTDVGKTSLRIMNTRSDSAIYRCEVVAL 120  
DB 61 SDPRIEMKKIODEQTTYYFNDKIOGDLAGRAEILGKTSLRIMNTRRSALYRCEVAR 120

QY 121 NORKEVDEITIELIVQKPTPYCRIPAAVVCNKTALQOSESEGYPRPHYSWYRNDVPL 180  
DB 121 NORKEIDEIVIELTVQKPTPCRCRVPKAVPVCKMTLHCQSESEGHPRPHYSWYRNDVPL 180  
QY 181 PTDSRANPFONSGFVNSFTGTLVFNNAVHKDSDGQYCCIASNDAGARCEQDMVYDL 240  
DB 181 PTDSRANPFONSGFVNSFTGTLVFNNAVHKDSDGQYCCIASNDAGARCEQDMVYDL 240  
QY 241 NIAGIIGVVLVLAIVITMGICCAVRRGCFISSKQDSESYKSPCKHDGVNIRTSEEG 300  
DB 241 NIAGIIGVVLVLAIVITMGICCAVRRGCFISSKQDSESYKSPCKHDGVNIRTSEEG 300  
QY 301 DRRHKSFPY 310  
DB 301 DRRHKSFPY 310  
RESULT 10  
US-10-028-072-538  
Application No. US20030004311A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Geritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Guiney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang  
TITLE OF INVENTION:  
FILE REFERENCE:  
CURRENT APPLICATION NUMBER: US/10/028, 072  
CURRENT FILING DATE: 2001-12-19  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059836  
PRIOR FILING DATE: 1997-09-24  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062285  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062814

PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/062816  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063045  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063082  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/063127  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063327  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063329  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063550  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063561  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063704  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063733  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063735  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063738  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063755  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064248  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/064809  
PRIOR FILING DATE: 1997-11-07  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065846  
PRIOR FILING DATE: 1997-11-17  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/066453  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066511  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/069212  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069278  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069334  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069694  
PRIOR FILING DATE: 1997-12-16  
PRIOR APPLICATION NUMBER: 60/072320  
PRIOR FILING DATE: 1998-01-23  
PRIOR APPLICATION NUMBER: 60/073612  
PRIOR FILING DATE: 1998-02-04  
PRIOR APPLICATION NUMBER: 60/074086  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/074092  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-02-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09

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; PRIOR FILING DATE: 1998-07-07

Query Match      86.3%; Score 1409; DB:9; Length 310;
Best Local Similarity 85.8%; Pred. No. 9,1e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRLVLR,PHFLLLRGCMIEAVNLKSSNRNPVMBEFSEVELSCITTHSQT 60
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1 MALRRPRLRLCARLPDFLLRLRGCLIGAVNLKSSNRRTVVOBFSEVELSCITTHDSQT 60
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 61 SDRPIEMKKIQDGGTIVYVFDNKKIQGLAGRTDVGKTSLRIMWVTRSDSAIYRCEVAL 120
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 61 SDRPIEMKKIQDGGTIVYVFDNKKIQGLAGRAILIGKTSLRIMWVTRSDSALYRCEVAR 120
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 121 NDRKEVDEITELIVQKVPYTPVCRIPAAVPGVGTATLQCESESGYPPPHYSWRNDVPL 180
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 121 NDRKEIDEIYIELVQKVPYTPVCRVKAAPVGVMAATLHCESGSHPRPHYSWRNDVPL 180
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 181 PDSRAPRFRNSSFHNSSEGTGLVFNAVHDDSGQYYCIASNDAGARCGODMEYVDL 240
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 181 PDSRAPRFRNSSFHNSSEGTGLVFNAVHDDSGQYYCIASNDGSAKCEQMEYVDL 240
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 241 NIGIIIGVAVVLLVLAIVTMGICCAVRCGPFISKODGESYKSPGKRDGVNVRTSEEG 300
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 241 NIGIIIGVAVVLAVALITLIGICCAIRRGFIINNKDGBESYKAPGKRDGVNVRTDEEG 300
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 301 DFRHKSSEFVI 310
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 301 DFRHKSSEFVI 310
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

RESULT 11
US-09-906-742-423
; Sequence 423, Application US/09906742
; Publication No. US20030023054A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Macher, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,742
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698

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; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/22089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 423
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-906-742-423

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Query Match      86.3%; Score 1409; DB 9; Length 310;
Best Local Similarity 85.8%; Pred. No. 9,1e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRLRLRYARLPHFLLLPFGCMIEAVNLKSSNNPVPVHEESELSCITTHSQT 60
DB 1 MLRRPRLRLCARLPDFLLLPFGCLLGAVALKSSNRTVPVQEFSEVLSCLITDSQT 60
QY 61 SDPRIEMKKIODEQTTYYFNDKIOGDLGRDVEGKTSLRIMNTRSDSAIYRCEVAL 120
DB 61 SDPRIEMKKIODEQTTYYFNDKIOGDLGRDVEGKTSLRIMNTRSDSAIYRCEVAL 120
QY 121 NDRKEVDEITIELIYQVKEVTPVCRIPAAVPGKATATOCQSESEGYPRPHYSWYRNDVPL 180
DB 121 NDRKEVDEITIELIYQVKEVTPVCRIPAAVPGKATATOCQSESEGYPRPHYSWYRNDVPL 180
QY 181 PTDSPANRPFONSSPHVNSEGTIVFNNAHKDSDGQYCIASNDGAAACCEQDMEVYDL 240
DB 181 PTDSPANRPFONSSPHVNSEGTIVFNNAHKDSDGQYCIASNDGAAACCEQDMEVYDL 240
QY 241 NIAGIIGVLLVLAIVITMGICCAVRRGCFISSKODGESYKSPGKHGVMYIIRTSEEG 300
DB 241 NIAGIIGVLLVLAIVITMGICCAVRRGCFISSKODGESYKSPGKHGVMYIIRTSEEG 300
QY 301 DFRHKSSFYI 310
DB 301 DFRHKSSFYI 310

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RESULT 12
US-10-121-049-538
; Sequence 538, Application US/10121049
; Publication No. US2003002239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura

```

```

; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C17
; CURRENT APPLICATION NUMBER: US/10/121,049
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 538
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-049-538

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Query Match      86.3%; Score 1409; DB 9; Length 310;
Best Local Similarity 85.8%; Pred. No. 9,1e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRLRLRYARLPHFLLLPFGCMIEAVNLKSSNNPVPVHEESELSCITTHSQT 60
DB 1 MLRRPRLRLCARLPDFLLLPFGCLLGAVALKSSNRTVPVQEFSEVLSCLITDSQT 60
QY 61 SDPRIEMKKIODEQTTYYFNDKIOGDLGRDVEGKTSLRIMNTRSDSAIYRCEVAL 120
DB 61 SDPRIEMKKIODEQTTYYFNDKIOGDLGRDVEGKTSLRIMNTRSDSAIYRCEVAL 120
QY 121 NDRKEVDEITIELIYQVKEVTPVCRIPAAVPGKATATOCQSESEGYPRPHYSWYRNDVPL 180
DB 121 NDRKEVDEITIELIYQVKEVTPVCRIPAAVPGKATATOCQSESEGYPRPHYSWYRNDVPL 180
QY 181 PTDSPANRPFONSSPHVNSEGTIVFNNAHKDSDGQYCIASNDGAAACCEQDMEVYDL 240
DB 181 PTDSPANRPFONSSPHVNSEGTIVFNNAHKDSDGQYCIASNDGAAACCEQDMEVYDL 240
QY 241 NIAGIIGVLLVLAIVITMGICCAVRRGCFISSKODGESYKSPGKHGVMYIIRTSEEG 300
DB 241 NIAGIIGVLLVLAIVITMGICCAVRRGCFISSKODGESYKSPGKHGVMYIIRTSEEG 300
QY 301 DFRHKSSFYI 310
DB 301 DFRHKSSFYI 310

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RESULT 13
US-10-123-904-538
; Sequence 538, Application US/10123904
; Publication No. US2003002238A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria

```

```

; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C54
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 538
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-904-538

Query Match      86.3%; Score 1409; DB 9; Length 310;
Best Local Similarity 85.8%; Pred. No. 9,1e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRLRLYARLPHFLLLLFRGCMLEAVNLKSSNRNPVYHESVLSCTITTSQT 60
DB 1 MALRRPRLRLCARLPDFLLLLFRGCLIGAVNLKSSNRTPVQEFESVLSCTITTSQT 60
QY 61 SDPRIEMKKIQDQOTTYVFDNKIQDLAGRTDVGKTSLRIMVTRSDSALYRCEVAL 120
DB 61 SDPRIEMKKIQDQOTTYVFDNKIQDLAGRTDVGKTSLRIMVTRSDSALYRCEVAR 120
QY 121 NDRKEVEITTELIVQKVPVPCRIIPAAPVPGKATLQCESEGGYPRPHYSWYNDVPL 180
DB 121 NDRKEIDEIVIELTVQKVPVPCRIIPAAPVPGKATLQCESEGGYPRPHYSWYNDVPL 180
QY 181 PTDSRANRPFNSSFHNSSETGLVFNAVHKDSCGYCIASNDAGARCEQDMEYVDL 240
DB 181 PTDSRANRPFNSSFHNSSETGLVFNAVHKDSCGYCIASNDAGARCEQDMEYVDL 240
QY 241 NIAGIGGLVLLVLAIVTMGICAYRRGCFISSKODGESYKPGKHGVNYIRTSSEG 300
DB 241 NIAGIGGLVLLVLAIVTMGICAYRRGCFISSKODGESYKPGKHGVNYIRTSDEG 300
QY 301 DFRHKSSFVI 310
DB 301 DFRHKSSFVI 310

RESULT 14
US-40-470-538
; Sequence 538, Application US/10140470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/140,470
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; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 538
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-470-538

Query Match      86.3%; Score 1409; DB 9; Length 310;
Best Local Similarity 85.8%; Pred. No. 9,1e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRLRLYARLPHFLLLLFRGCMLEAVNLKSSNRNPVYHESVLSCTITTSQT 60
DB 1 MALRRPRLRLCARLPDFLLLLFRGCLIGAVNLKSSNRTPVQEFESVLSCTITTSQT 60
QY 61 SDPRIEMKKIQDQOTTYVFDNKIQDLAGRTDVGKTSLRIMVTRSDSALYRCEVAL 120
DB 61 SDPRIEMKKIQDQOTTYVFDNKIQDLAGRTDVGKTSLRIMVTRSDSALYRCEVAR 120
QY 121 NDRKEVEITTELIVQKVPVPCRIIPAAPVPGKATLQCESEGGYPRPHYSWYNDVPL 180
DB 121 NDRKEIDEIVIELTVQKVPVPCRIIPAAPVPGKATLQCESEGGYPRPHYSWYNDVPL 180
QY 181 PTDSRANRPFNSSFHNSSETGLVFNAVHKDSCGYCIASNDAGARCEQDMEYVDL 240
DB 181 PTDSRANRPFNSSFHNSSETGLVFNAVHKDSCGYCIASNDAGARCEQDMEYVDL 240
QY 241 NIAGIGGLVLLVLAIVTMGICAYRRGCFISSKODGESYKPGKHGVNYIRTSSEG 300
DB 241 NIAGIGGLVLLVLAIVTMGICAYRRGCFISSKODGESYKPGKHGVNYIRTSDEG 300
QY 301 DFRHKSSFVI 310
DB 301 DFRHKSSFVI 310

RESULT 15
US-09-906-838-423
; Sequence 423, Application US/09906838
; Publication No. US20030027143A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar P.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,838
; CURRENT FILING DATE: 2001-07-16
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Job time : 20 secs

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/ PRIOR APPLICATION NUMBER: 09/665,350
/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 423
/ LENGTH: 310
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-09-906-838-423
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Query Match      86.3%; Score 1409; DB 9; Length 310;
Best Local Similarity 85.8%; Pred. No. 9,1e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;
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DB      1 MALRRPRRLRLCARLPDPFLLLFRCGLIGAVNLKSNRTPPVQEFESVELSCIITDSQT 60

QY      61 SDPRIEMKKIIOGQCTYYVFPDNKIOGDLGRDTPFGKTSLRITMNVTRSDATYRCFVAL 120
DB      61 SDPRIEMKKIIOGQCTYYVFPDNKIOGDLGRALILGKTSLKIMNVTRSDALYRCFVAR 120

QY      121 NDRKEVDEITIELIVQKKEVTPVCRIPAAVPVSKTATLQCESEGGYPRPHYSWYRNDVPL 180
DB      121 NDRKEIDELIVELTVQKKEVTPVCRVPKAVPVQKMATLHCQSEGGHPRPHYSWYRNDVPL 180

QY      181 PTDSRANPFRFQNSSFVNSETGTLVFNVAHKKDSCGYCYCIASNDAGARCEGQDMEVYDL 240
DB      181 PTDSRANPFRFQNSSFVNSETGTLVFNVAHKKDSCGYCYCIASNDAGARCEGQDMEVYDL 240

QY      241 NIAGIIGGLVAVLIVATMTGICCAVRRGCFISSKODGESYKSPGKHGQVNYIRTSEEG 300
DB      241 NIAGIIGGLVAVLIVATLITLIGICCAVRRGYFLNNKQDGSYKXNPGKPDGVNVIIRTDEEG 300

QY      301 DFRHKSSFVI 310
DB      301 DFRHKSSFVI 310
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Search completed: June 7, 2003, 09:46:49

GenCore version 5.1.6  
Copyright (c) 1993 - 2003 CompuGen Ltd.

OW protein - protein search, using sw model

Run on: June 7, 2003, 09:40:42 ; Search time 18 Seconds  
(without alignments)  
1778.027 Million cell updates/sec

Title: US-09-524-531C-15

Perfect score: 1637  
Sequence: 1 MALRRPRLRLCARLPDFLL.....VVYIRDEGDFRHKSFVI 310

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 392085 seqs, 103240269 residues

Total number of hits satisfying chosen parameters: 392085

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications AA.\*

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2: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep.\*  
3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep.\*  
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11: /cgn2\_6/ptodata/2/pubpaa/US10\_NEW\_PUB.pep.\*  
12: /cgn2\_6/ptodata/2/pubpaa/US10\_PUBCOMB.pep.\*  
13: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep.\*  
14: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1637	100.0	310	9	US-09-905-291A-423
2	1637	100.0	310	9	US-10-033-245-20
3	1637	100.0	310	9	US-10-033-222-20
4	1637	100.0	310	9	US-10-033-167-20
5	1637	100.0	310	9	US-09-902-853-423
6	1637	100.0	310	9	US-10-033-244-20
7	1637	100.0	310	9	US-09-907-824-423
8	1637	100.0	310	9	US-09-907-841-423
9	1637	100.0	310	9	US-09-904-011-423
10	1637	100.0	310	9	US-10-028-072-538
11	1637	100.0	310	9	US-09-906-742-423
12	1637	100.0	310	9	US-10-121-049-538
13	1637	100.0	310	9	US-10-123-904-538
14	1637	100.0	310	9	US-10-140-470-538
15	1637	100.0	310	9	US-09-906-838-423
16	1637	100.0	310	9	US-09-907-613-423
17	1637	100.0	310	9	US-09-907-942-423
18	1637	100.0	310	9	US-10-033-435-20
19	1637	100.0	310	9	US-10-175-746-538

20	1637	100.0	310	9	US-10-176-918-538	Sequence 538, App
21	1637	100.0	310	9	US-10-176-921-538	Sequence 538, App
22	1637	100.0	310	9	US-10-032-990-70	Sequence 20, App
23	1637	100.0	310	9	US-10-137-865-538	Sequence 538, App
24	1637	100.0	310	9	US-10-140-474-538	Sequence 538, App
25	1637	100.0	310	9	US-09-904-820-423	Sequence 423, App
26	1637	100.0	310	9	US-09-904-859-423	Sequence 423, App
27	1637	100.0	310	9	US-09-909-204-423	Sequence 423, App
28	1637	100.0	310	9	US-10-142-431-538	Sequence 538, App
29	1637	100.0	310	9	US-10-143-114-538	Sequence 538, App
30	1637	100.0	310	9	US-09-904-786-423	Sequence 423, App
31	1637	100.0	310	9	US-09-906-646-423	Sequence 423, App
32	1637	100.0	310	9	US-09-906-700-423	Sequence 423, App
33	1637	100.0	310	9	US-10-140-002-538	Sequence 538, App
34	1637	100.0	310	9	US-09-902-903-423	Sequence 423, App
35	1637	100.0	310	9	US-09-903-749A-423	Sequence 423, App
36	1637	100.0	310	9	US-09-903-786-423	Sequence 423, App
37	1637	100.0	310	9	US-10-142-419-538	Sequence 538, App
38	1637	100.0	310	9	US-09-902-736-423	Sequence 423, App
39	1637	100.0	310	9	US-09-904-119-423	Sequence 423, App
40	1637	100.0	310	9	US-09-904-956-423	Sequence 423, App
41	1637	100.0	310	9	US-09-907-794-423	Sequence 423, App
42	1637	100.0	310	9	US-10-050-704-109	Sequence 109, App
43	1637	100.0	310	9	US-10-050-704-163	Sequence 163, App
44	1637	100.0	310	9	US-10-050-704-164	Sequence 164, App
45	1637	100.0	310	9	US-10-123-262-538	Sequence 538, App

#### ALIGNMENTS

RESULT 1  
US-09-905-291A-423  
Sequence 423, Application US/09905291A  
Patent No. US20020160374A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Borstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Geo, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavini, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/905, 291A  
CURRENT FILING DATE: 2001-07-12  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143, 048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145, 698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146, 222

PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO: 423  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-905-291A-423

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9,6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MALRRPRLRLCARLPDFFLLFRGCLIGAVNLKSSNRTPVQEFESVELSCIITDSQT 60  
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DB 121 NDKKEIDELVIELTVQVKPTPCRVKAVPVGKMATLHQSEBGRPHRYSWYRDVPL 180  
QY 181 PTDSRANPRFRNSSFLNSETGLVFTAVHKDMSGQYCIASNDAGSARCEBEMEYIDL 240  
DB 181 PTDSRANPRFRNSSFLNSETGLVFTAVHKDMSGQYCIASNDAGSARCEBEMEYIDL 240  
QY 241 NIGGIIGVVLVAVLALITLIGICAVRGRYFINNKQDGSYNNPGKPDGVNIIRTDDEG 300  
DB 241 NIGGIIGVVLVAVLALITLIGICAVRGRYFINNKQDGSYNNPGKPDGVNIIRTDDEG 300  
QY 301 DFRHKSFWI 310  
DB 301 DFRHKSFWI 310

RESULT 2  
US-10-033-245-20  
Sequence 20, Application US/10033245  
Patent No. US20020160392A1  
GENERAL INFORMATION:  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Ferreira, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Acids Encoding and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2930R1C7  
CURRENT FILING DATE: US/10/033,245  
PRIOR FILING DATE: 2001-12-27  
PRIOR APPLICATION NUMBER: 60/095,325  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/112,851  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,145  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,511  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/115,558  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,565  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,733  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/119,341  
PRIOR FILING DATE: 1999-02-09  
PRIOR APPLICATION NUMBER: 60/119,537  
PRIOR FILING DATE: 1999-02-10  
PRIOR APPLICATION NUMBER: 60/119,965  
PRIOR FILING DATE: 1999-02-12  
PRIOR APPLICATION NUMBER: 60/162,506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 60/170,262  
PRIOR FILING DATE: 1999-12-09  
PRIOR APPLICATION NUMBER: 60/187,202  
PRIOR FILING DATE: 2000-03-03  
PRIOR APPLICATION NUMBER: PCT/US99/12252  
PRIOR FILING DATE: 1999-06-02  
PRIOR APPLICATION NUMBER: PCT/US99/28634  
PRIOR FILING DATE: 1999-12-01  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US00/03565  
PRIOR FILING DATE: 2000-02-11  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/08439  
PRIOR FILING DATE: 2000-03-30  
PRIOR APPLICATION NUMBER: PCT/US00/14941  
PRIOR FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
NUMBER OF SEQ ID NOS: 38  
SEQ ID NO: 20  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-033-245-20

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9,6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MALRRPRLRLCARLPDFFLLFRGCLIGAVNLKSSNRTPVQEFESVELSCIITDSQT 60  
DB 1 MALRRPRLRLCARLPDFFLLFRGCLIGAVNLKSSNRTPVQEFESVELSCIITDSQT 60



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Qy 61 SDPRIEMKKIODEQTTVFEPDNKIQGDLAGRAEILKTSLSKIMWVTRDSALYRCEVAV 120
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Db 181 PTDSRANPRFNNSSFHNSSTGTLVFAVHKDQSGQYCIASNDGASARCEQEMEVYDL 240
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Db 241 NIGGIIGVLLVAVLALITLIGICAYRRGYFINNKQDESYKPKPGDGVNVRTDEBG 300
Qy 301 DFRHKSFEVI 310
Db 301 DFRHKSFEVI 310

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## RESULT 3

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US-10-033-223-20
/ Sequence 20, Application US/10033223
/ Patent No. US20020164646A1
/ GENERAL INFORMATION:
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Pan, James
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tamas, Daniel
/ APPLICANT: Watanabe, Colin K.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2930R1C9
/ CURRENT APPLICATION NUMBER: US/10/033,223
/ PRIOR APPLICATION NUMBER: 60/095,325
/ PRIOR FILING DATE: 1998-08-04
/ PRIOR APPLICATION NUMBER: 60/112,851
/ PRIOR FILING DATE: 1998-12-16
/ PRIOR APPLICATION NUMBER: 60/113,145
/ PRIOR FILING DATE: 1998-12-16
/ PRIOR APPLICATION NUMBER: 60/113,511
/ PRIOR FILING DATE: 1998-12-22
/ PRIOR APPLICATION NUMBER: 60/115,558
/ PRIOR FILING DATE: 1999-01-12
/ PRIOR APPLICATION NUMBER: 60/115,565
/ PRIOR FILING DATE: 1999-01-12
/ PRIOR APPLICATION NUMBER: 60/115,733
/ PRIOR FILING DATE: 1999-01-12
/ PRIOR APPLICATION NUMBER: 60/119,341
/ PRIOR FILING DATE: 1999-02-09
/ PRIOR APPLICATION NUMBER: 60/119,537
/ PRIOR FILING DATE: 1999-02-10
/ PRIOR APPLICATION NUMBER: 60/119,965
/ PRIOR FILING DATE: 1999-02-12
/ PRIOR APPLICATION NUMBER: 60/162,506
/ PRIOR FILING DATE: 1999-10-29
/ PRIOR APPLICATION NUMBER: 60/170,262
/ PRIOR FILING DATE: 1999-12-09
/ PRIOR APPLICATION NUMBER: 60/187,202
/ PRIOR FILING DATE: 2000-03-03
/ PRIOR APPLICATION NUMBER: PCT/US99/12252
/ PRIOR FILING DATE: 1999-06-02

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/ PRIOR APPLICATION NUMBER: PCT/US99/28634
/ PRIOR FILING DATE: 1999-12-01
/ PRIOR APPLICATION NUMBER: PCT/US99/28551
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US00/03565
/ PRIOR FILING DATE: 2000-02-11
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: PCT/US00/05841
/ PRIOR FILING DATE: 2000-03-02
/ PRIOR APPLICATION NUMBER: PCT/US00/08439
/ PRIOR FILING DATE: 2000-03-30
/ PRIOR APPLICATION NUMBER: PCT/US00/14941
/ PRIOR FILING DATE: 2000-05-30
/ PRIOR APPLICATION NUMBER: PCT/US00/15264
/ PRIOR FILING DATE: 2000-06-02
/ PRIOR APPLICATION NUMBER: PCT/US00/32678
/ PRIOR FILING DATE: 2000-12-01
/ NUMBER OF SEQ ID NOS: 38
/ SEQ ID NO 20
/ LENGTH: 310
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-033-223-20

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Query Match 100.0%; Score 1637; DB 9; Length 310;

Best Local Similarity 100.0%; Pred. No. 9,6e-108; Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 MALRRPRLRLCARLPDPFLLLFRCGLIGAVNLKSNRTPVQSFESVLSCTITDSQT 60
Db 1 MALRRPRLRLCARLPDPFLLLFRCGLIGAVNLKSNRTPVQSFESVLSCTITDSQT 60
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Db 61 SDPRIEMKKIOBQTTVFEPDNKIQGDLAGRAEILKTSLSKIMWVTRDSALYRCEVAV 120
Qy 121 NDRKEIDIVIELTVQVPTVPCVCPKAVPVGKMATLHCQESBGPHPHYSWYRNDVPL 180
Db 121 NDRKEIDIVIELTVQVPTVPCVCPKAVPVGKMATLHCQESBGPHPHYSWYRNDVPL 180
Qy 181 PTDSRANPRFNNSSFHNSSTGTLVFAVHKDQSGQYCIASNDGASARCEQEMEVYDL 240
Db 181 PTDSRANPRFNNSSFHNSSTGTLVFAVHKDQSGQYCIASNDGASARCEQEMEVYDL 240
Qy 241 NIGGIIGVLLVAVLALITLIGICAYRRGYFINNKQDESYKPKPGDGVNVRTDEBG 300
Db 241 NIGGIIGVLLVAVLALITLIGICAYRRGYFINNKQDESYKPKPGDGVNVRTDEBG 300
Qy 301 DFRHKSFEVI 310
Db 301 DFRHKSFEVI 310

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## RESULT 4

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US-10-033-167-20
/ Sequence 20, Application US/10033167
/ Publication No. US20020182618A1
/ GENERAL INFORMATION:
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Pan, James
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tamas, Daniel
/ APPLICANT: Watanabe, Colin K.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

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TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2930R1C10  
CURRENT APPLICATION NUMBER: US/10/033,167  
CURRENT FILING DATE: 2001-12-27  
PRIOR APPLICATION NUMBER: 60/095,325  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/112,851  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,145  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,511  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/115,558  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,565  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,733  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/119,341  
PRIOR FILING DATE: 1999-02-09  
PRIOR APPLICATION NUMBER: 60/119,537  
PRIOR FILING DATE: 1999-02-10  
PRIOR APPLICATION NUMBER: 60/119,965  
PRIOR FILING DATE: 1999-02-12  
PRIOR APPLICATION NUMBER: 60/162,506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 60/170,262  
PRIOR FILING DATE: 1999-12-09  
PRIOR APPLICATION NUMBER: 60/187,202  
PRIOR FILING DATE: 2000-03-03  
PRIOR APPLICATION NUMBER: PCT/US99/12252  
PRIOR FILING DATE: 1999-06-02  
PRIOR APPLICATION NUMBER: PCT/US99/28634  
PRIOR FILING DATE: 1999-12-01  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US00/03565  
PRIOR FILING DATE: 2000-02-11  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/08439  
PRIOR FILING DATE: 2000-03-30  
PRIOR APPLICATION NUMBER: PCT/US00/14941  
PRIOR FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
NUMBER OF SEQ ID NOS: 38  
SEQ ID NO 20  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-033-167-20

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9,66-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRRPRLRLCARLDPFLLLLFRCLIGAVNLKSSNRPVVOEFESVELSCITIDSDQT 60  
DB 1 MLRRPRLRLCARLDPFLLLLFRCLIGAVNLKSSNRPVVOEFESVELSCITIDSDQT 60  
QY 61 SPPRIWKIKIOBQOTTVVFFDNKIQDLAGRAIILKTSIKTNVTRRDSALYRCGVAR 120  
DB 61 SPPRIWKIKIOBQOTTVVFFDNKIQDLAGRAIILKTSIKTNVTRRDSALYRCGVAR 120  
QY 121 NDRKEIDEIVIELTVGVKPTVPCRVKAVPVGKMATLHCQESGHPRPYISYRNDVPL 180  
DB 121 NDRKEIDEIVIELTVGVKPTVPCRVKAVPVGKMATLHCQESGHPRPYISYRNDVPL 180

QY 181 PTDSRANPRFNSSPHLNSGTGLVFAVHKDSCQYCYCIASNDAGSARCEQEMEYVDL 240  
DB 181 PTDSRANPRFNSSPHLNSGTGLVFAVHKDSCQYCYCIASNDAGSARCEQEMEYVDL 240  
QY 241 NIGGIIGVLYVLAIALITLIGICAYRRGYTINNKQGESYKRNCKPDGVNYITDDEG 300  
DB 241 NIGGIIGVLYVLAIALITLIGICAYRRGYTINNKQGESYKRNCKPDGVNYITDDEG 300  
QY 301 DFRHKSFEVI 310  
DB 301 DFRHKSFEVI 310

RESULT 5  
US-09-902-853-423  
Sequence 423, Application US/09902853  
Publication No. US20020192659A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gertsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/902,853  
PRIOR APPLICATION NUMBER: US/09/665,350  
PRIOR FILING DATE: 2001-07-10  
PRIOR APPLICATION NUMBER: US/09/665,350  
PRIOR FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: US/09/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US/09/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US/09/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565

PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO 423  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-902-853-423

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9,6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MALRRPRLRLCARLPDFLLLLFRGCLIGAVNLKSSNRTPVQEFSEVELSCIITDSQT 60  
DB 1 MALRRPRLRLCARLPDFLLLLFRGCLIGAVNLKSSNRTPVQEFSEVELSCIITDSQT 60  
QY 61 SDPRIEMKKIQDEQTTVYFNDKIQGDLGRAELIGKTSLKIMWTRRDSALYRCEVAR 120  
DB 61 SDPRIEMKKIQDEQTTVYFNDKIQGDLGRAELIGKTSLKIMWTRRDSALYRCEVAR 120  
QY 121 NDRKEIDELIVIELTVQVCPVTPVCKAVPVGKATLHCQSEBGRPHYSWYRNDVPL 180  
DB 121 NDRKEIDELIVIELTVQVCPVTPVCKAVPVGKATLHCQSEBGRPHYSWYRNDVPL 180  
QY 181 PTDSPANRFRNSSFHLSSETGLVFTAVHKDQSGYYCIASNDASARCEOEWEVYDL 240  
DB 181 PTDSPANRFRNSSFHLSSETGLVFTAVHKDQSGYYCIASNDASARCEOEWEVYDL 240  
QY 241 NIGGIIGVLLVAVLALITLIGICAVRRGYFINNKQDESYKNGKPDGVNYYRTDEBG 300  
DB 241 NIGGIIGVLLVAVLALITLIGICAVRRGYFINNKQDESYKNGKPDGVNYYRTDEBG 300  
QY 301 DFRHKSFEVI 310  
DB 301 DFRHKSFEVI 310

## RESULT 6

US-10-033-244-20  
Sequence 20, Application US/10033244  
Application No. US20020192668A1  
GENERAL INFORMATION:  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2930R1C2  
CURRENT APPLICATION NUMBER: US/10/033,244  
PRIOR FILING DATE: 2001-12-27  
PRIOR APPLICATION NUMBER: 60/095,325  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/112,851  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,145

PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,511  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/115,558  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,565  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,733  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/119,341  
PRIOR FILING DATE: 1999-02-09  
PRIOR APPLICATION NUMBER: 60/119,537  
PRIOR FILING DATE: 1999-02-10  
PRIOR APPLICATION NUMBER: 60/119,965  
PRIOR FILING DATE: 1999-02-12  
PRIOR APPLICATION NUMBER: 60/162,506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 60/170,262  
PRIOR FILING DATE: 1999-12-09  
PRIOR APPLICATION NUMBER: 60/187,202  
PRIOR FILING DATE: 2000-03-03  
PRIOR APPLICATION NUMBER: PCT/US99/12252  
PRIOR FILING DATE: 1999-06-02  
PRIOR APPLICATION NUMBER: PCT/US99/28634  
PRIOR FILING DATE: 1999-12-01  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US00/03565  
PRIOR FILING DATE: 2000-02-11  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/08439  
PRIOR FILING DATE: 2000-03-30  
PRIOR APPLICATION NUMBER: PCT/US00/14941  
PRIOR FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
NUMBER OF SEQ ID NOS: 38  
SEQ ID NO 20  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-033-244-20

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9,6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MALRRPRLRLCARLPDFLLLLFRGCLIGAVNLKSSNRTPVQEFSEVELSCIITDSQT 60  
DB 1 MALRRPRLRLCARLPDFLLLLFRGCLIGAVNLKSSNRTPVQEFSEVELSCIITDSQT 60  
QY 61 SDPRIEMKKIQDEQTTVYFNDKIQGDLGRAELIGKTSLKIMWTRRDSALYRCEVAR 120  
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QY 121 NDRKEIDELIVIELTVQVCPVTPVCKAVPVGKATLHCQSEBGRPHYSWYRNDVPL 180  
DB 121 NDRKEIDELIVIELTVQVCPVTPVCKAVPVGKATLHCQSEBGRPHYSWYRNDVPL 180  
QY 181 PTDSPANRFRNSSFHLSSETGLVFTAVHKDQSGYYCIASNDASARCEOEWEVYDL 240  
DB 181 PTDSPANRFRNSSFHLSSETGLVFTAVHKDQSGYYCIASNDASARCEOEWEVYDL 240  
QY 241 NIGGIIGVLLVAVLALITLIGICAVRRGYFINNKQDESYKNGKPDGVNYYRTDEBG 300  
DB 241 NIGGIIGVLLVAVLALITLIGICAVRRGYFINNKQDESYKNGKPDGVNYYRTDEBG 300  
QY 301 DFRHKSFEVI 310

Db 301 DFRHKSFEVI 310

## RESULT 7

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US-09-907-824-423
/ Sequence 423, Application US/09907824
/ Publication No. US20020197671A1
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/907,824
/ CURRENT FILING DATE: 2001-07-17
/ PRIOR APPLICATION NUMBER: 09/665,350
/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
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/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 423
/ LENGTH: 310
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-09-907-824-423
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Query Match 100.0% Score 1637; DB 9; Length 310;
Best Local Similarity 100.0%; Pred. No. 9,66-106;
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 MALRRPRLRLCARLPDFELLFRGCLIGAVNLKSNRPVVOEFSEVELSCIITDSQT 60
QY 61 SDPRIEMWKKIODEQTTVFYFDNKKIOGDLGRAEIIIGKTSLKIMVYTRDSALYRCEVVAR 120
Db 61 SDPRIEMWKKIODEQTTVFYFDNKKIOGDLGRAEIIIGKTSLKIMVYTRDSALYRCEVVAR 120
QY 121 NDRKEIDELVIELTVQVKRTPVCRVPKAVPVGKNAATLHCQSEEGHPRPHYSMYRNDVPL 180
Db 121 NDRKEIDELVIELTVQVKRTPVCRVPKAVPVGKNAATLHCQSEEGHPRPHYSMYRNDVPL 180
QY 181 PTDSRANPRFRNSPFLNSETGLVFTAVHKDSDGOYCIASNDAGSARCEOEHEVYDL 240
Db 181 PTDSRANPRFRNSPFLNSETGLVFTAVHKDSDGOYCIASNDAGSARCEOEHEVYDL 240
QY 241 NIGGIIGVAVLAVLALITLIGICAYRRGYFINNKODESYKNPKGPDGVNYIRTDEEG 300
Db 241 NIGGIIGVAVLAVLALITLIGICAYRRGYFINNKODESYKNPKGPDGVNYIRTDEEG 300
QY 301 DFRHKSFEVI 310
Db 301 DFRHKSFEVI 310
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## RESULT 8

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US-09-907-841-423
/ Sequence 423, Application US/09907841
/ Publication No. US20020198366A1
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/907,841
/ CURRENT FILING DATE: 2001-11-20
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PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
Number of Prior Application data removed - See File Wrapper or PALM.  
Number of SEQ ID NOS: 423  
SEQ ID NO: 423  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-907-841-423

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9.6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MALRRPRLRLCARLPDFLLFRGCLIGAVNLKSNRTPVOEFESVELSCIITDSOT 60  
DB 1 MALRRPRLRLCARLPDFLLFRGCLIGAVNLKSNRTPVOEFESVELSCIITDSOT 60  
QY 61 SDPRIEMKKIODEQTTTFYFNDKIOGDLGRAELIGKTSLSKIMVTRDSALYRCEVVAR 120  
DB 61 SDPRIEMKKIODEQTTTFYFNDKIOGDLGRAELIGKTSLSKIMVTRDSALYRCEVVAR 120  
QY 121 NDRKIDIVIELTVQVPRVPCVPRKAVPVGKATLHCQSESGHPRHYSWYRNDVPL 180  
DB 121 NDRKIDIVIELTVQVPRVPCVPRKAVPVGKATLHCQSESGHPRHYSWYRNDVPL 180  
QY 181 PTDSANRFRNSFHLNSETGLVFTAVHKDQSGOYCIANDAGSARCEQEMEVDL 240  
DB 181 PTDSANRFRNSFHLNSETGLVFTAVHKDQSGOYCIANDAGSARCEQEMEVDL 240  
QY 241 NIGGIIGVLVAVLALITLIGICAYRRGYFINNKODESYKNFGKPDGVVYIRTDERG 300  
DB 241 NIGGIIGVLVAVLALITLIGICAYRRGYFINNKODESYKNFGKPDGVVYIRTDERG 300  
QY 301 DFRHKSFEVI 310  
DB 301 DFRHKSFEVI 310

RESULT 9

US-09-904-011-423  
Sequence 423, Application US/09904011  
Publication No. US20030003530A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gertlisen, Mary E.

APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/904,011  
CURRENT FILING DATE: 2001-07-11  
PRIOR APPLICATION NUMBER: 09/665,350  
PRIOR FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
Number of SEQ ID NOS: 423  
SEQ ID NO: 423  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-904-011-423

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9.6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MALRRPRLRLCARLPDFLLFRGCLIGAVNLKSNRTPVOEFESVELSCIITDSOT 60  
DB 1 MALRRPRLRLCARLPDFLLFRGCLIGAVNLKSNRTPVOEFESVELSCIITDSOT 60  
QY 61 SDPRIEMKKIODEQTTTFYFNDKIOGDLGRAELIGKTSLSKIMVTRDSALYRCEVVAR 120  
DB 61 SDPRIEMKKIODEQTTTFYFNDKIOGDLGRAELIGKTSLSKIMVTRDSALYRCEVVAR 120

Qy 121 NDRKEIDEIVELTVOVKPTVPCRVKAVPVGKMATLHCQESGHPRHYSWYRNDVPL 180  
Db 121 NDRKEIDEIVELTVOVKPTVPCRVKAVPVGKMATLHCQESGHPRHYSWYRNDVPL 180  
Qy 181 PIDSRRANPPFRNSFHLNSETGTLVTTAVHKDDSGOYCIASNDAGSARCEOEWEVYDL 240  
Db 181 PIDSRRANPPFRNSFHLNSETGTLVTTAVHKDDSGOYCIASNDAGSARCEOEWEVYDL 240  
Qy 241 NIGGIIIGVAVVAVALLTIGICCAVRRGYFINNKODGESSYKPKGPGVNYIRTDDEG 300  
Db 241 NIGGIIIGVAVVAVALLTIGICCAVRRGYFINNKODGESSYKPKGPGVNYIRTDDEG 300  
Qy 301 DFRHKSSFVI 310  
Db 301 DFRHKSSFVI 310  
RESULT 10  
US 028-072-538  
Application No. US20030004311A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Geritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang  
TITLE OF INVENTION:  
FILE REFERENCE:  
CURRENT APPLICATION NUMBER: US/10/028,072  
CURRENT FILING DATE: 2001-12-19  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
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PRIOR FILING DATE: 1997-09-24  
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PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062814

PRIOR FILING DATE: 1997-10-24  
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PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063045  
PRIOR FILING DATE: 1997-10-24  
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PRIOR FILING DATE: 1997-11-07  
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PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069694  
PRIOR FILING DATE: 1997-12-16  
PRIOR APPLICATION NUMBER: 60/072320  
PRIOR FILING DATE: 1998-01-23  
PRIOR APPLICATION NUMBER: 60/073612  
PRIOR FILING DATE: 1998-02-04  
PRIOR APPLICATION NUMBER: 60/074086  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/074092  
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PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
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PRIOR FILING DATE: 1998-03-25  
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PRIOR FILING DATE: 1998-02-27  
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PRIOR FILING DATE: 1998-03-31  
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PRIOR FILING DATE: 1998-04-09

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PRIOR FILING DATE: 1998-04-14  
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PRIOR FILING DATE: 1998-04-15  
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PRIOR FILING DATE: 1998-04-15  
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PRIOR FILING DATE: 1998-04-24  
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PRIOR FILING DATE: 1998-04-28  
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PRIOR FILING DATE: 1998-04-29  
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PRIOR APPLICATION NUMBER: 60/087106  
PRIOR FILING DATE: 1998-05-28  
PRIOR APPLICATION NUMBER: 60/088026  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088730  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088741  
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PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088858  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/089532  
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PRIOR APPLICATION NUMBER: 60/089599  
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PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089947  
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PRIOR APPLICATION NUMBER: 60/090349  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090429  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090445  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090538  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090663  
PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: 60/091360  
PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091982

PRIOR FILING DATE: 1998-07-07  
Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 9.6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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DB 1 MALRRPRLRLCARLPDFLLLPFGCLIGAVNLKSNRTPVQBFESVLSCTITDSQT 60  
QY 61 SDPRLEMKKIDBQTTTFYFPNKKIOGDLAGRAELIGKSLKMNTRDLSALYREYVAR 120  
DB 61 SDPRLEMKKIDBQTTTFYFPNKKIOGDLAGRAELIGKSLKMNTRDLSALYREYVAR 120  
QY 121 NDRKSIDIVIELTQVQVPVPCVPAVPGKATLHCOSEBHPPHYSWYNDVPL 180  
DB 121 NDRKSIDIVIELTQVQVPVPCVPAVPGKATLHCOSEBHPPHYSWYNDVPL 180  
QY 181 PTDSRANRFRNSSFHLNSETGTLVFTAVHKDQSGQYCIASNDAGSARCEQEMEYVDL 240  
DB 181 PTDSRANRFRNSSFHLNSETGTLVFTAVHKDQSGQYCIASNDAGSARCEQEMEYVDL 240  
QY 241 NIGGILGVLVYLVALLITGICCAVNRGFIYNNKQGBESYKDPKDGCVYITDSEB 300  
DB 241 NIGGILGVLVYLVALLITGICCAVNRGFIYNNKQGBESYKDPKDGCVYITDSEB 300  
QY 301 DFRHKSFTVI 310  
DB 301 DFRHKSFTVI 310  
RESULT 11  
US-09-906-742-423  
Sequence 423, Application US/09906742  
Publication No. US20030023054A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Borstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Geber, Hanspeter  
APPLICANT: Gerritsen, Mary B.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kiljavin, Ivar J.  
APPLICANT: Kijavir, Jennie P.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/906,742  
PRIOR FILING DATE: 2001-07-16  
PRIOR APPLICATION NUMBER: 09/665,350  
PRIOR FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698

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; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
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; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
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; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 423
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-906-742-423

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Query Match      100.0%; Score 1637; DB 9; Length 310;
Best Local Similarity 100.0%; Pred. No. 9,6e-108;
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 SDPRIEMKKIQDEQTTTFVFEDNKKIQGDLGRAEIIIGKTSIKIWNVTRDSALYRCVVAR 120
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DB 121 NDRKEIDEIVIELTVQVKVTPVCRVPKAVPVGKMATLHCQSESEGHPRPHYSWYRNDVPL 180
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DB 181 PTDSRANPRFRNSSSHLNSSETGLVFTAVHKDSSGOYYCIASNDGASARCEQEMEVYDL 240
QY 241 NIGGIIGVVLAVLALITLIGICAYRRGYFTINNKQDESYKNPKPGGVNYIRTDEEG 300
DB 241 NIGGIIGVVLAVLALITLIGICAYRRGYFTINNKQDESYKNPKPGGVNYIRTDEEG 300
QY 301 DFRHKSSFVI 310
DB 301 DFRHKSSFVI 310

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RESULT 12
US-10-121-049-538
; Sequence 538, Application US/10121049
; Publication No. US2003002239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura

```

```

; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P330R1C17
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 538
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-049-538

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Query Match      100.0%; Score 1637; DB 9; Length 310;
Best Local Similarity 100.0%; Pred. No. 9,6e-108;
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 SDPRIEMKKIQDEQTTTFVFEDNKKIQGDLGRAEIIIGKTSIKIWNVTRDSALYRCVVAR 120
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DB 121 NDRKEIDEIVIELTVQVKVTPVCRVPKAVPVGKMATLHCQSESEGHPRPHYSWYRNDVPL 180
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DB 181 PTDSRANPRFRNSSSHLNSSETGLVFTAVHKDSSGOYYCIASNDGASARCEQEMEVYDL 240
QY 241 NIGGIIGVVLAVLALITLIGICAYRRGYFTINNKQDESYKNPKPGGVNYIRTDEEG 300
DB 241 NIGGIIGVVLAVLALITLIGICAYRRGYFTINNKQDESYKNPKPGGVNYIRTDEEG 300
QY 301 DFRHKSSFVI 310
DB 301 DFRHKSSFVI 310

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RESULT 13
US-10-123-904-538
; Sequence 538, Application US/10123904
; Publication No. US20030022328A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria

```



APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C54  
CURRENT APPLICATION NUMBER: US/10/123, 904  
CURRENT FILING DATE: 2002-04-16  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 538  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-123-904-538

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Beet Local Similarity 100.0%; Pred. No. 9.6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 121 NDRKEIDIVIELTVQVKPVTVCVCKAVPVGKATLHCQESGHPHYSWYNDVPL 180  
DB 121 NDRKEIDIVIELTVQVKPVTVCVCKAVPVGKATLHCQESGHPHYSWYNDVPL 180  
QY 181 PTDSRANRFRNSSPHLNSGTGLVFTAVHKDSCGYCIASNDGARSCEQEMEYVDL 240  
DB 181 PTDSRANRFRNSSPHLNSGTGLVFTAVHKDSCGYCIASNDGARSCEQEMEYVDL 240  
QY 241 NIGGIIGVLLVAVLALITLIGICAYRGRYFINNKODESSYKPKGPDGVNYIRTDSE 300  
DB 241 NIGGIIGVLLVAVLALITLIGICAYRGRYFINNKODESSYKPKGPDGVNYIRTDSE 300  
QY 301 DFRHKSFFVI 310  
DB 301 DFRHKSFFVI 310

RESULT 14  
US-140-470-538  
Sequence 538, Application US/10140470  
Publication No. US20030022331A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddard, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C160  
CURRENT APPLICATION NUMBER: US/10/140, 470

CURRENT FILING DATE: 2002-05-06  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 538  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-470-538

Query Match 100.0%; Score 1637; DB 9; Length 310;  
Beet Local Similarity 100.0%; Pred. No. 9.6e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MALRRPRLRLCARLPDFLLLLFRGCLIGAVNLKSNRTVVOEFSEVELSCITTDST 60  
QY 61 SDPRIEMKKIODEQTTVYFNDKIQGDLGRAEILGKTSLKIMVTRDSALYRCEVAR 120  
DB 61 SDPRIEMKKIODEQTTVYFNDKIQGDLGRAEILGKTSLKIMVTRDSALYRCEVAR 120  
QY 121 NDRKEIDIVIELTVQVKPVTVCVCKAVPVGKATLHCQESGHPHYSWYNDVPL 180  
DB 121 NDRKEIDIVIELTVQVKPVTVCVCKAVPVGKATLHCQESGHPHYSWYNDVPL 180  
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DB 181 PTDSRANRFRNSSPHLNSGTGLVFTAVHKDSCGYCIASNDGARSCEQEMEYVDL 240  
QY 241 NIGGIIGVLLVAVLALITLIGICAYRGRYFINNKODESSYKPKGPDGVNYIRTDSE 300  
DB 241 NIGGIIGVLLVAVLALITLIGICAYRGRYFINNKODESSYKPKGPDGVNYIRTDSE 300  
QY 301 DFRHKSFFVI 310  
DB 301 DFRHKSFFVI 310

RESULT 15  
US-09-906-838-423  
Sequence 423, Application US/09906838  
Publication No. US20030027143A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Geiber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Goddard, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/906, 838  
CURRENT FILING DATE: 2001-07-16

Job time : 19 secs

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; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
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; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 423
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-906-838-423
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Query Match      100.0%; Score 1637; DB 9; Length 310;
Best Local Similarity 100.0%; Pred. No. 9,6e-108;
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db
QY      61 SDPRIMKKIODEQTYVFFDNKIQDLAGRAEILKTSIKINVTNRDSALYRCEVAR 120
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      61 SDPRIMKKIODEQTYVFFDNKIQDLAGRAEILKTSIKINVTNRDSALYRCEVAR 120
Db
QY      121 NDRKEIDEIVIELTVGVKVPYKAVPVGKMATLHCQESGHPRPYSWYRNDVPL 180
      |||
      121 NDRKEIDEIVIELTVGVKVPYKAVPVGKMATLHCQESGHPRPYSWYRNDVPL 180
Db
QY      181 PIDSRRANPRFRNSSFHLNSETGLVFTAVHKDSSGOYYCIASNDAGSARCEQEMEVDL 240
      |||
      181 PIDSRRANPRFRNSSFHLNSETGLVFTAVHKDSSGOYYCIASNDAGSARCEQEMEVDL 240
Db
QY      241 NIGGIIGVLLVAVLALITLIGICAYRRGYFINNKODGESYKPGKPDGVNIYRTDEEG 300
      |||
      241 NIGGIIGVLLVAVLALITLIGICAYRRGYFINNKODGESYKPGKPDGVNIYRTDEEG 300
Db
QY      301 DFRHKSSFVI 310
      |||
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Db
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Search completed: June, 7, 2003, 09:46:50

GenCore version 5.1.6  
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: June 7, 2003, 09:37:27 ; Search time 12.5 seconds  
(without alignments)  
729,688 Million cell updates/sec

Title: US-09-524-531c-15

Perfect score: 1637  
Sequence: 1 MALRRPRLRLCARLPDFLL.....VNYRTDERGDFRHKSSFYI 310

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents, AA:\*  
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2: /cgn2\_6/prodata/1/1aa/5B\_COMB.pep:\*  
3: /cgn2\_6/prodata/1/1aa/6A\_COMB.pep:\*  
4: /cgn2\_6/prodata/1/1aa/6B\_COMB.pep:\*  
5: /cgn2\_6/prodata/1/1aa/ECTUS\_COMB.pep:\*  
6: /cgn2\_6/prodata/1/1aa/Backfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	481	29.4	298	4	US-09-152-060-76 Sequence 76, Appl
2	461.5	28.2	312	4	US-09-254-465A-9 Sequence 9, Appl
3	457.5	27.9	300	4	US-09-254-465A-10 Sequence 10, Appl
4	424	25.9	299	4	US-09-188-930-331 Sequence 331, Appl
5	424	25.9	299	4	US-09-462-270-2 Sequence 2, Appl
6	424	25.9	299	4	US-09-254-465A-1 Sequence 1, Appl
7	412	25.2	299	4	US-09-188-930-189 Sequence 189, Appl
8	392.5	24.0	260	4	US-09-254-465A-23 Sequence 23, Appl
9	392.5	24.0	263	4	US-09-254-465A-25 Sequence 25, Appl
10	288	17.6	205	4	US-09-462-270-4 Sequence 4, Appl
11	228.5	14.0	319	1	US-08-597-495B-22 Sequence 22, Appl
12	228.5	14.0	319	4	US-09-068-051A-22 Sequence 22, Appl
13	228.5	14.0	319	4	US-09-336-536-67 Sequence 67, Appl
14	228.5	14.0	319	4	US-09-336-536-67 Sequence 67, Appl
15	217.5	13.3	273	4	US-09-254-465A-24 Sequence 24, Appl
16	217.5	13.3	273	4	US-09-254-465A-26 Sequence 26, Appl
17	215.5	13.2	318	4	US-09-068-051A-32 Sequence 32, Appl
18	197.5	12.1	387	4	US-09-175-928-2 Sequence 2, Appl
19	173.5	10.6	370	4	US-09-336-536-28 Sequence 28, Appl
20	171.5	10.5	394	4	US-09-336-536-39 Sequence 39, Appl
21	169.5	10.2	390	2	US-08-979-424-1 Sequence 1, Appl
22	167	10.4	365	4	US-09-336-536-40 Sequence 40, Appl
23	166.5	10.2	341	4	US-09-336-536-29 Sequence 29, Appl
24	162.5	9.9	246	4	US-09-336-536-31 Sequence 31, Appl
25	160.5	9.8	365	4	US-08-928-383B-2 Sequence 2, Appl
26	159.5	9.7	365	4	US-08-979-424-3 Sequence 3, Appl
27	159.5	9.7	365	4	US-09-872-496-2 Sequence 2, Appl

28	157.5	9.6	1101	3	US-08-986-485-2 Sequence 2, Appl
29	155.5	9.5	249	4	US-09-336-536-42 Sequence 42, Appl
30	155.5	9.5	612	2	US-08-752-307B-11 Sequence 11, Appl
31	155.5	9.5	612	4	US-09-707-802-11 Sequence 11, Appl
32	155.5	9.5	612	4	US-09-991-326-11 Sequence 11, Appl
33	155.5	9.5	1268	4	US-08-506-296B-28 Sequence 28, Appl
34	154	9.4	1501	2	US-08-447-464-3 Sequence 3, Appl
35	154	9.4	1501	2	US-08-716-679-3 Sequence 3, Appl
36	153	9.3	1651	4	US-09-540-245A-18 Sequence 18, Appl
37	152.5	9.3	869	1	US-08-374-834-16 Sequence 16, Appl
38	152.5	9.3	869	2	US-08-644-271-29 Sequence 29, Appl
39	152.5	9.3	869	4	US-09-077-955-33 Sequence 33, Appl
40	152	9.3	95	4	US-08-928-383B-18 Sequence 18, Appl
41	150.5	9.2	698	2	US-08-602-725-36 Sequence 36, Appl
42	150.5	9.2	734	2	US-08-389-459A-17 Sequence 17, Appl
43	150.5	9.2	734	3	US-08-987-867A-23 Sequence 23, Appl
44	147	9.0	365	4	US-08-928-383B-23 Sequence 23, Appl
45	147	9.0	365	4	US-08-928-383B-24 Sequence 24, Appl

#### ALIGNMENTS

RESULT 1  
US-09-152-060-76  
Sequence 76, Application US/09152060

Patent No. 6448230  
GENERAL INFORMATION:

APPLICANT: Rosen et al.  
TITLE OF INVENTION: 28 Human Secreted Proteins

FILE REFERENCE: P2003P1 US  
CURRENT APPLICATION NUMBER: US/09/152,060

CURRENT FILING DATE: 1998-09-11  
EARLIER APPLICATION NUMBER: PCT/US98/04858

EARLIER FILING DATE: 1998-03-12  
EARLIER APPLICATION NUMBER: 60/040,762

EARLIER FILING DATE: 1997-03-14  
EARLIER APPLICATION NUMBER: 60/040,710

EARLIER FILING DATE: 1997-03-14  
EARLIER APPLICATION NUMBER: 60/050,934

EARLIER FILING DATE: 1997-05-30  
EARLIER APPLICATION NUMBER: 60/048,100

EARLIER FILING DATE: 1997-05-30  
EARLIER APPLICATION NUMBER: 60/048,357

EARLIER FILING DATE: 1997-05-30  
EARLIER APPLICATION NUMBER: 60/048,189

EARLIER FILING DATE: 1997-05-30  
EARLIER APPLICATION NUMBER: 60/057,765

EARLIER FILING DATE: 1997-09-05  
EARLIER APPLICATION NUMBER: 60/048,970

EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/068,368

EARLIER FILING DATE: 1997-12-19  
NUMBER OF SEQ ID NOS: 118

SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 76

LENGTH: 298  
TYPE: PRT

ORGANISM: Homo sapiens  
FEATURE:

NAME/KEY: SITE  
LOCATION: (42)

OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

FEATURE:  
NAME/KEY: SITE  
LOCATION: (58)

OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

US-09-152-060-76

Query Match 29.4%; Score 481; DB 4; Length 298;  
Beet Local Similarity 35.8%; Pred. No. 4.3e-41;  
Matches 114; Conservative 60; Mismatches 116; Indels 28; Gaps 10;

QY 1 MALRPPRLRLCRLPDLFLLLLFRGLIG-----AVNLKSNRTPVQ--EFESVELSC 53  
| | | | | : : : : :  
| | | | | : : : : :  
| | | | | : : : : :  
Db 1 MARSRHRL-----LILLRLVVALGYHKAHYGSAPKQOVVAVVXQZALAC 50  
| | | | | : : : : :  
| | | | | : : : : :  
QY 54 IITDSOTSPRIEMKIOBQTYVFFDNKIOGLAGRAEILKTSKLTMTWRBSALY 113  
| | | | | : : : : :  
| | | | | : : : : :  
Db 51 -KTPKTYVSRLEMKL-GRSVFVYQOTLQDFKORLMT--DFNIRIKNVTSRDAGKY 107  
| | | | | : : : : :  
| | | | | : : : : :  
QY 114 RCEVVARNDR-KEIDEIVIELTVQVPRVPCVRAVPVAKMATHCOSESEGHPRPHYS 172  
| | | | | : : : : :  
| | | | | : : : : :  
Db 108 RCEVASPSGQGLBEDTYLTVLVAVPSCVPSALSITVELRCQDKENPAPEYT 167  
| | | | | : : : : :  
| | | | | : : : : :  
QY 173 WTRNDVPLTDSRANPRFRNSSEFHLNSETGLVFTAVHKDSCGYCCIASNDAGSARCE 232  
| | | | | : : : : :  
| | | | | : : : : :  
Db 168 WFKDGRILENRLDSQSTNSSTYMTNTKGTLOFTVTSKLDTGESCEARNVGRRCG 227  
| | | | | : : : : :  
| | | | | : : : : :  
QY 233 QMEVYDNLIGIGLVVVALVALLITIGICAVRGYFINKKOGESYKNGKRDGN 292  
| | | | | : : : : :  
| | | | | : : : : :  
Db 228 KRMQVDDLNIIGIIAAVVALVIVSGLGVYAKRGYF--SKL--TSFO--KSNSS 280  
| | | | | : : : : :  
| | | | | : : : : :  
QY 293 YIRTEEGDFRHKSFVI 310  
| | | | | : : : : :  
| | | | | : : : : :  
Db 281 KATMSENDFKHKSFII 298  
| | | | | : : : : :  
| | | | | : : : : :

## RESULT 2

US-09-254-465A-9  
; Sequence 9, Application US/09254465A  
; Patent No. 6410708  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Fong, Sherman  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Guiney, Austin L.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
; FILE REFERENCE: P1216R1 (US)  
; CURRENT APPLICATION NUMBER: US/09/254,465A  
; PRIOR FILING DATE: 1999-03-05  
; PRIOR APPLICATION NUMBER: PCT/US98/24855  
; PRIOR FILING DATE: 1998-11-20  
; PRIOR APPLICATION NUMBER: US 60/066,364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: US 60/078,936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: PCT/US98/19437  
; NUMBER OF SEQ ID NOS: 30  
; SEQ ID NO 9  
; LENGTH: 312  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-254-465A-9

Query Match 28.2%; Score 461.5; DB 4; Length 312;  
Best Local Similarity 37.1%; Pred. No. 4,5e-39;

Matches 104; Conservative 52; Mismatches 103; Indels 21; Gaps 7;

QY 1 MALRPPRLRLCRLPDLFLLLLFRGLIG-----AVNLKSNRTPVQ--EFESVELSC 53  
| | | | | : : : : :  
| | | | | : : : : :  
| | | | | : : : : :  
Db 1 MARSRHRL-----LILLRLVVALGYHKAHYGSAPKQOVVAVVXQZALAC 50  
| | | | | : : : : :  
| | | | | : : : : :  
QY 54 IITDSOTSPRIEMKIOBQTYVFFDNKIOGLAGRAEILKTSKLTMTWRBSALY 113  
| | | | | : : : : :  
| | | | | : : : : :  
Db 51 -KTPKTYVSRLEMKL-GRSVFVYQOTLQDFKORLMT--DFNIRIKNVTSRDAGKY 107  
| | | | | : : : : :  
| | | | | : : : : :  
QY 114 RCEVVARNDR-KEIDEIVIELTVQVPRVPCVRAVPVAKMATHCOSESEGHPRPHYS 172  
| | | | | : : : : :  
| | | | | : : : : :  
Db 108 RCEVASPSGQGLBEDTYLTVLVAVPSCVPSALSITVELRCQDKENPAPEYT 167  
| | | | | : : : : :  
| | | | | : : : : :

QY 173 WTRNDVPLTDSRANPRFRNSSEFHLNSETGLVFTAVHKDSCGYCCIASNDAGSARCE 232  
| | | | | : : : : :  
| | | | | : : : : :  
| | | | | : : : : :  
Db 168 WFKDGRILENRLDSQSTNSSTYMTNTKGTLOFTVTSKLDTGESCEARNVGRRCG 227  
| | | | | : : : : :  
| | | | | : : : : :  
QY 233 QMEVYDNLIGIGLVVVALVALLITIGICAVRGYF 272  
| | | | | : : : : :  
| | | | | : : : : :  
Db 228 KRMQVDDLNIIGIIAAVVALVIVSGLGVYAKRGYF 267  
| | | | | : : : : :  
| | | | | : : : : :

## RESULT 3

US-09-254-465A-10  
; Sequence 10, Application US/09254465A  
; Patent No. 6410708  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Fong, Sherman  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Guiney, Austin L.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
; FILE REFERENCE: P1216R1 (US)  
; CURRENT APPLICATION NUMBER: US/09/254,465A  
; PRIOR FILING DATE: 1999-03-05  
; PRIOR APPLICATION NUMBER: PCT/US98/24855  
; PRIOR FILING DATE: 1998-11-20  
; PRIOR APPLICATION NUMBER: US 60/066,364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: US 60/078,936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: PCT/US98/19437  
; NUMBER OF SEQ ID NOS: 30  
; SEQ ID NO 10  
; LENGTH: 300  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-09-254-465A-10

Query Match 27.9%; Score 457.5; DB 4; Length 300;  
Best Local Similarity 35.6%; Pred. No. 1,1e-38;

Matches 106; Conservative 56; Mismatches 121; Indels 15; Gaps 7;

QY 20 LILLFRGLIGAV-----NLKSNRTPVQEFESVELSCITDSOTSPRIEMKIOBQ 74  
| | | | | : : : : :  
| | | | | : : : : :  
| | | | | : : : : :  
Db 11 LILFTSMILGSLVQKGSVYVYAOQDVOPENESIKLTC--TYSGFSSPRVEMKQVQST 68  
| | | | | : : : : :  
| | | | | : : : : :  
QY 75 TTYVFFDNKIOGLAGRAEILKTSKLTMTWRBSALYRCEVVARNDRKEIDEIVIELT 134  
| | | | | : : : : :  
| | | | | : : : : :  
Db 69 TALVCNSQITAPYADR-TRSSSGITPSSVTRKNGEYTC-MVEBEGQNGEVSIIHT 126  
| | | | | : : : : :  
| | | | | : : : : :  
QY 135 VQKRPVPCVRAVPVAKMATHCOSESEGHPRPHYSWTRNDVPLT--DSRANPRFRNS 193  
| | | | | : : : : :  
| | | | | : : : : :  
Db 127 VLVPPSKPTISVSSVTIGNRAVLTCSEHDSPPSEYGFKQGISMLTFDAKTRAFMNS 186  
| | | | | : : : : :  
| | | | | : : : : :  
QY 194 SEHLNSETGLVFTAVHKDSCGYCCIASNDAGS-RCEBQMEVYDNLIGIGLVV 252  
| | | | | : : : : :  
| | | | | : : : : :  
Db 187 SFTIDPKSGDLIFDVTAFDSGEYVCOAONGTAMREAAHMDAVELNVGIVAAVLT 246  
| | | | | : : : : :  
| | | | | : : : : :  
QY 253 LAVLALITIGICAVRGYFINKKOGESYKNGKRDGNVYIRTEEGDFRHKSFVI 310  
| | | | | : : : : :  
| | | | | : : : : :  
Db 247 LILGLLIFGVAFVSRGIFETTKG---TAPGKVIYISQSTSRBGFKOTSSFLV 300  
| | | | | : : : : :  
| | | | | : : : : :

## RESULT 4

US-09-188-930-331  
; Sequence 331, Application US/09188930A  
; Patent No. 6150502  
; GENERAL INFORMATION:

APPLICANT: Watson, James D.  
APPLICANT: Strachan, Lorna  
APPLICANT: Sleeman, Matthew  
APPLICANT: Onrust, Rene  
APPLICANT: Morrison, James Greg  
TITLE OF INVENTION: Compositions Isolated From Skin Cells  
TITLE OF INVENTION: and Methods For Their Use  
FILE REFERENCE: 11000.1011c1  
CURRENT APPLICATION NUMBER: US/09/188,930A  
CURRENT FILING DATE: 1998-11-09  
NUMBER OF SEQ ID NOS: 348  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 331  
LENGTH: 299  
TYPE: PRT  
ORGANISM: Human  
US-09-188-930-331

Query Match 25.9%; Score 424; DB 4; Length 299;  
Best Local Similarity 32.8%; Pred. No. 2.9e-35;

Mismatches 101; Conservative 48; Mismatches 137; Indels 22; Gaps 7;

QY 8 RLRLCARLPDPFLLFRGCLIGAVNLKSSNRTPVVOEFESVELSCITDSDPRIEW 67  
DB 9 RLRLCL-----FILAILCSLALGSVTVHSSSEPEVRIPENNPVKLSGAY--SGFSSPVIEW 62  
QY 68 KKIODEQTTVPFNDKIOGDLGRAEILGKTSKIMWTRDSALYRCVAVARNDREID 127  
DB 63 KFDQDTRLVCCYNNKKTASVEDRTFL-PTGITFKSVTRBDTGYTC-MVSEEGNSYG 120  
QY 128 EIVIELTVQVKEVTPVPCVPAVPGKATLHCOSEBGPBPHYSWYRNDVLPDTSRAN 187  
DB 121 EVKXKLIVLPSPKPTVNIPISSATIGNRAVLTCSEODSPSEBYTWFKDGIWPTNPKST 180  
QY 188 PRFRSSFHNSSETGTLVFTAVHKDSCGYCIASNDGASARCEQ-EWEYVDLNIIGIT 246  
DB 181 RAFSNSSYVLPNTGELVFDPLASDTEGYSCEARNGVGTPTSNAVMEAVERRVGVIV 240  
QY 247 GGVLVAVLALITIGICAYRGYFINNKODGS-----YKPKGPDGVNIRTBEDDF 302  
DB 241 AAVLVTLILGILVFGIMFAYSRGHFDRTKGTSSKVIYQPS-----ARSEGF 291  
QY 303 RHKSFEVI 310  
DB 292 KOTSSFLV 299

US-09-462-270-2  
Sequence 2, Application US/09462270

Patent No. 6358707  
GENERAL INFORMATION:  
APPLICANT: SmithKline Beecham Corporation  
TITLE OF INVENTION: Human FII Antigen: A Cell Surface  
TITLE OF INVENTION: Receptor Involved in Platelet Aggregation  
FILE REFERENCE: GH-70150DS  
CURRENT APPLICATION NUMBER: US/09/462,270  
CURRENT FILING DATE: 2000-01-05  
PRIOR APPLICATION NUMBER: 60/052,186  
PRIOR FILING DATE: 1997-07-10  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 2  
LENGTH: 299  
TYPE: PRT  
ORGANISM: HOMO SAPIENS  
US-09-462-270-2

Query Match 25.9%; Score 424; DB 4; Length 299;  
Best Local Similarity 32.8%; Pred. No. 2.9e-35;

Mismatches 101; Conservative 48; Mismatches 137; Indels 22; Gaps 7;

QY 8 RLRLCARLPDPFLLFRGCLIGAVNLKSSNRTPVVOEFESVELSCITDSDPRIEW 67

DB 9 RLRLCL-----FILAILCSLALGSVTVHSSSEPEVRIPENNPVKLSGAY--SGFSSPVIEW 62  
QY 68 KKIODEQTTVPFNDKIOGDLGRAEILGKTSKIMWTRDSALYRCVAVARNDREID 127  
DB 63 KFDQDTRLVCCYNNKKTASVEDRTFL-PTGITFKSVTRBDTGYTC-MVSEEGNSYG 120  
QY 128 EIVIELTVQVKEVTPVPCVPAVPGKATLHCOSEBGPBPHYSWYRNDVLPDTSRAN 187  
DB 121 EVKXKLIVLPSPKPTVNIPISSATIGNRAVLTCSEODSPSEBYTWFKDGIWPTNPKST 180  
QY 188 PRFRSSFHNSSETGTLVFTAVHKDSCGYCIASNDGASARCEQ-EWEYVDLNIIGIT 246  
DB 181 RAFSNSSYVLPNTGELVFDPLASDTEGYSCEARNGVGTPTSNAVMEAVERRVGVIV 240  
QY 247 GGVLVAVLALITIGICAYRGYFINNKODGS-----YKPKGPDGVNIRTBEDDF 302  
DB 241 AAVLVTLILGILVFGIMFAYSRGHFDRTKGTSSKVIYQPS-----ARSEGF 291  
QY 303 RHKSFEVI 310  
DB 292 KOTSSFLV 299

RESULT 6  
US-09-254-465A-1  
Sequence 1, Application US/09254465A

Patent No. 6410708  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Fong, Sherman  
APPLICANT: Goddard, Audrey  
APPLICANT: Gunter, Mary A.  
APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS  
FILE REFERENCE: P1216R1(US)  
CURRENT APPLICATION NUMBER: US/09/254,465A  
CURRENT FILING DATE: 1999-03-05  
PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO 1  
LENGTH: 299  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-254-465A-1

Query Match 25.9%; Score 424; DB 4; Length 299;  
Best Local Similarity 32.8%; Pred. No. 2.9e-35;

Mismatches 101; Conservative 48; Mismatches 137; Indels 22; Gaps 7;

QY 8 RLRLCARLPDPFLLFRGCLIGAVNLKSSNRTPVVOEFESVELSCITDSDPRIEW 67  
DB 9 RLRLCL-----FILAILCSLALGSVTVHSSSEPEVRIPENNPVKLSGAY--SGFSSPVIEW 62  
QY 68 KKIODEQTTVPFNDKIOGDLGRAEILGKTSKIMWTRDSALYRCVAVARNDREID 127  
DB 63 KFDQDTRLVCCYNNKKTASVEDRTFL-PTGITFKSVTRBDTGYTC-MVSEEGNSYG 120  
QY 128 EIVIELTVQVKEVTPVPCVPAVPGKATLHCOSEBGPBPHYSWYRNDVLPDTSRAN 187  
DB 121 EVKXKLIVLPSPKPTVNIPISSATIGNRAVLTCSEODSPSEBYTWFKDGIWPTNPKST 180

QY 188 PRRRNSPFHNSSTGLVTVAHAKDQSGGYCIAINDGSRCEQ-EMEYVDINIGII 246  
 Db 181 RAARSNSVYLNPTGLVFDPDLSASDTGEYSCEANGVGTMTSNAVMAEAVENGVIV 240  
 QY 247 GGLVYLVAIALITLIGICAYRGRFYINKKDGES---YKPKGPDGVNIRIDEGDF 302  
 Db 241 AAVLVILILIGLIVFQIWFAYSRGHFDRYKGTSSKAYIQPS-----ARSEGF 291  
 QY 303 RHKGSFVY 310  
 Db 292 KQTSSSFLV 299

RESULT 7  
IIS-09-188-930-189

Sequence 189, Application US/09188930A

; GENERAL INFORMATION:

APPLICANT: Strachan, Iorna

APPLICANT: Sleeman, Matthew  
APPLICANT: Onrust, Pene

```

? APPLICANT: Murison, James Greg
? TITLE OF INVENTION: Compositions Isolated From Skin Cells
? TITLE OF INVENTION: and Methods For Their Use
? FILE REFERENCE: 11000.1011c1
? CURRENT APPLICATION NUMBER: US/09/188,930A
? NUMBER OF SEQ ID NOS: 148
? SOFTWARE: FastSeq for Windows Version 3.0
? SEQ ID NO 189
? LENGTH: 299
? TYPE: PRT
? ORGANISM: Human
? FEATURE:
? NAME/KEY: UNSURE
? LOCATION: (247) .. (247)
? NAME/KEY: UNSURE
? LOCATION: (289) ... (289)
? US-09-188-930-189

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RESULT 8  
US-09-254-465A-23  
; Sequence 23, Application US/09254465A

```

: Patent No.66410708
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi J.
: APPLICANT: Fong, Sherman
: APPLICANT: Goddard, Audrey
: APPLICANT: Gurney, Austin L.
: APPLICANT: Napier, Mary A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
: FILE REFERENCE: P1216R1 (US)
: CURRENT APPLICATION NUMBER: US/09/254,465A
: CURRENT FILING DATE: 1999-03-05
: PRIOR APPLICATION NUMBER: PCT/US98/24455
: PRIOR FILING DATE: 1998-11-20
: PRIOR APPLICATION NUMBER: US 60/066,364
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: US 60/078,936
: PRIOR FILING DATE: 1998-03-20
: PRIOR APPLICATION NUMBER: PCT/US98/19437
: PRIOR FILING DATE: 1998-09-17
: NUMBER OF SEQ ID NOS: 30
: SEQ ID NO 23
: LENGTH: 260
: TYPE: PRT
: ORGANISM: Homo sapiens
: US-09-254-465A-23

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Query Match	24.0%	Score 392.5	DB 4	Length 260
Best Local Similarity	34.4%	Pred. No. 4e-32		
Matches 88	Conservative 43	Mismatches 120	Indels 5	Gaps 4

RESULT 9  
US-09-254-465A-25  
Sequence 25, Application US/09254465A  
Patent No. 6410708  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Fong, Sherman  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS  
FILE REFERENCE: P121CR1(US)  
CURRENT APPLICATION NUMBER: US/09/254,465A  
CURRENT FILING DATE: 1999-03-05

PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO 25  
LENGTH: 263  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-524-465A-25

Query Match 24.0%; Score 392.5; DB 4; Length 263;  
Best Local Similarity 34.4%; Pred. No. 4e-32;

Matches 88; Conservative 43; Mismatches 120; Indels 5; Gaps 4;

Qy 29 IGAVNLKSSNRTPVQEFSEVELSCITTSQSDPRIEMKKIQDEQTYVFPDNKIQGDL 88  
Db 6 LGSVTVHSEPEVRIPENNPKLSKAY--SGFSPRAVEKFDGDTTLVLCVNNKITYA 63  
Qy 89 AGRATILGKTSIKIMVTRDSALYRCVAVANDRKEIDEIYELTVQVPTVPCRVK 148  
Db 64 EDRVTFPL-PTGITFKSVTRDGTGTYC-WVSEEGNSYGEVKKLIVLPSPKPTVNIDS 121  
Qy 149 AVPVCKMATLHCOESGHRPHYSWRNVPLPTDSRANPRPNSSPHLNSGTGLVFA 208  
Db 122 SATIGRAVLTSQSDGSPSEYTWKDEIWMPTNKSTRASNSSYVLPPTGELVFP 181  
Qy 209 VAKDSGQYCIASNDAGSARCEQ-EMEYVDLNIIGIIGVLYVAVALITLIGICAY 267  
Db 162 LSASDTGERSCARNGCYGTPMNSAVRMAVERNVIVAAVLVTLILGILVFGWFXAY 241  
Qy 268 RRGVFINNKQGESYK 283  
Db 242 SRGHFRTKKTSSKK 257

## RESULT 10

US-09-462-270-4  
Sequence 4, Application US/09462270  
Patent No. 6358707  
GENERAL INFORMATION:  
APPLICANT: SmithKline Beecham Corporation  
TITLE OF INVENTION: Human FII Antigen: A Cell Surface  
ROLE OF INVENTION: Receptor Involved in Platelet Aggregation  
REFERENCE: GH-70150US  
CURRENT APPLICATION NUMBER: US/09/462,270  
CURRENT FILING DATE: 2000-01-05  
PRIOR APPLICATION NUMBER: 60/052,166  
PRIOR FILING DATE: 1997-07-10  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 4  
LENGTH: 205  
TYPE: PRT  
ORGANISM: HOMO SAPIENS  
US-09-462-270-4

Query Match 17.6%; Score 288; DB 4; Length 205;  
Best Local Similarity 33.7%; Pred. No. 1.4e-21;

Matches 67; Conservative 32; Mismatches 92; Indels 8; Gaps 4;

Qy 8 RIRLCARLPDFLLFRGCLIGAVNLKSSNRTPVQEFSEVELSCITTSQSDPRIEM 67  
Db 9 RLLCL-----FILALICSLAGSVTVHSSBPEVRIPENNPKLSKAY--SGFSPRAVE 62  
Qy 68 KRIQDEQTYVFPDNKIQGDLAGRAEILKTSIKIMVTRDSALYRCVAVANDRKEID 127  
Db 63 KFDGDTTLVLCVNNKITYAEDRVTFPL-PTGITFKSVTRDGTGTYC-WVSEEGNSY 120

Qy 128 EIVIELTVQVKEVTPVCHVPKAVPVGMATLHCOESGHRPHYSWRNVPLPTDSRAN 187  
Db 121 EVKXVLIVLPSPKPTVNIPSSATIGNRAVLTSQSDGSPSEYTWKDEIWMPTNKSTR 180  
Qy 168 PRFNSPHLNSGTGLVFP 206  
Db 181 RAFNSSYVLPNPTGELVFP 199

## RESULT 11

US-08-597-495B-22  
Sequence 22, Application US/08597495B  
Patent No. 5712369  
GENERAL INFORMATION:

APPLICANT: Old, Lloyd J.; Well, Sydney; Ritter, Gerd;  
APPLICANT: Simpson, Richard J.; Nice, Edward; Moritz, R. L.;  
APPLICANT: Catline, B. J.; Hong, Burgess, Anthony W.;  
APPLICANT: Heath, Joan K.; White, Sara J.; Johnstone, Cameron  
TITLE OF INVENTION: Colon Cell And Colon Cancer Cell  
TITLE OF INVENTION: Associated Nucleic Acid Molecules, Protein And Peptides  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Felte & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
COUNTRY: USA  
ZIP: 10022

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage

COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/597,495B  
FILING DATE: 02-Feb-1996  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/511,876  
FILING DATE: 04-Aug-1995

ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 5712369man D.  
REGISTRATION NUMBER: 30,946

REFERENCE/DOCKET NUMBER: LUD 5316.1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 688-3684  
TELEFAX: (212) 688-9200

INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 319 amino acids  
TYPE: amino acid  
TOPOLOGY: linear

US-08-597-495B-22

Query Match 14.0%; Score 228.5; DB 1; Length 319;  
Best Local Similarity 25.7%; Pred. No. 3.2e-15;

Matches 79; Conservative 49; Mismatches 128; Indels 51; Gaps 14;

Qy 29 IGAVNLKSSNRTPVQEFSEVELSCITTSQSDPRIEMKKIQDEQTYVFPDNK 83  
Db 19 VDAISVTPQVPLRASQGSVTLPTHTSTSSRGLIQMDKLLTLHTERVVIMPFNSKN 78  
Qy 84 -IQGDL-----AGRAIILGKTSIKIMVTRDSALYRCVAVANDRKEIDEIYELTV 135  
Db 79 YIHGELYNRVVISINNAE-QSDASTITDOLTMADNGTECVSLMSDLEGNTKSRVRLV 137  
Qy 136 QVQPTVPCRVKAVPVGMATLHCOESGHRPHYSWRNVPLPTDSRANPRF 190  
Db 138 LVPEKPEKCGIEGTHIIGNNIQLTQSKGSPFPOYSKRNINILNQEPPLAQPASGP-- 195  
Qy 191 RNSFHLNSGTGLVFAVHKDSGQYCIASNDAGSARCE-EMEYVDLNIIG--GII 246  
Db 196 -----VSLKNISTDTSGYYICTSSNEGTQFCNITVAVRSPMNAVALYVGA 242





APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS  
FILE REFERENCE: P1216R1 (US)  
CURRENT APPLICATION NUMBER: US/09/254,465A  
PRIOR FILING DATE: 1998-03-05  
PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO 6  
LENGTH: 319  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-254-465A-6

Query Match 14.0%; Score 228.5; DB 4; Length 319;  
Best Local Similarity 25.7%; Pred. No. 3.2e-15;  
Matches 79; Conservative 49; Mismatches 128; Indels 51; Gaps 14;

QY 29 IGVAVLKSNRTPVQEFESVLSCTI-TDSQTSDPRIEMKKIQDEQTYVP---FDNK- 83  
DB 19 VDAISVETPODVLRAOQKSVTLPTCTHTSTSSREGLIQMDKLLTHTERVVIMPFSSKN 78  
QY 84 -IOGDL-----AGRAELIGKTSLKIMVTRRDSALYRCEVVARNDREIDEIVIELTV 135  
DB 79 YHIGELYNRVISISNNAE-QSDASITIDQLTMAADNGTECSVLSMDLEGNTKSRRLIV 137  
QY 136 QVKPVTPVCVRVPAVPGKMATLHCQSESGHPRPHYSWYRNDV-----PLPTDSRANPRF 190  
DB 138 LVPPKPECGIGERTIIGNNIQLTCSKESGPTPOYSWKRYVNIHQEQLAQAGAGOP-- 195  
QY 191 RNSSFHLSNSETGLVFTVAHKDQSGQYCIASNDGASACE-EQEMEVYDANIG--GII 246  
DB 196 -----VSLKNISTDTSGYICTSSNEGTGFCNITVAVRSPSMNVALYVIGIA 242  
QY 247 GGVVLAVLALITLIGICAVRGYFIN--NKODG-----ESYKNPGKPGGVNYI--RTDE 298  
DB 243 VGVVAALITIGIITICCC--RGKQDNTEDKEDARPRAREYEP--PEQLRELISREBE 297  
QY 299 EGDPRHK 305  
DB 298 EDDYRQE 304

RESULT 15  
US-09-254-465A-24  
Sequence 24, Application US/09254465A  
Patent No. 6410708  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Fong, Sherman  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Auelin L.  
APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS  
FILE REFERENCE: P1216R1 (US)  
CURRENT APPLICATION NUMBER: US/09/254,465A  
PRIOR FILING DATE: 1998-03-05  
PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364

PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO 24  
LENGTH: 270  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-254-465A-24

Query Match 13.3%; Score 217.5; DB 4; Length 270;  
Best Local Similarity 26.0%; Pred. No. 3.3e-14;  
Matches 74; Conservative 43; Mismatches 121; Indels 47; Gaps 12;

QY 29 IGVAVLKSNRTPVQEFESVLSCTI-TDSQTSDPRIEMKKIQDEQTYVP---FDNK- 83  
DB 5 VDAISVETPODVLRAOQKSVTLPTCTHTSTSSREGLIQMDKLLTHTERVVIMPFSSKN 64  
QY 84 -IOGDL-----AGRAELIGKTSLKIMVTRRDSALYRCEVVARNDREIDEIVIELTV 135  
DB 65 YHIGELYNRVISISNNAE-QSDASITIDQLTMAADNGTECSVLSMDLEGNTKSRRLIV 123  
QY 136 QVKPVTPVCVRVPAVPGKMATLHCQSESGHPRPHYSWYRNDV-----PLPTDSRANPRF 190  
DB 124 LVPPKPECGIGERTIIGNNIQLTCSKESGPTPOYSWKRYVNIHQEQLAQAGAGOP-- 181  
QY 191 RNSSFHLSNSETGLVFTVAHKDQSGQYCIASNDGASACE-EQEMEVYDANIG--GII 246  
DB 182 -----VSLKNISTDTSGYICTSSNEGTGFCNITVAVRSPSMNVALYVIGIA 228  
QY 247 GGVVLAVLALITLIGICAVRGYFIN--NKODG-----ESYKNP 285  
DB 229 VGVVAALITIGIITICCC--RGKQDNTEDKEDARPRAREYEP 270

Search completed: June 7, 2003, 09:41:41  
Job time: 13.5 secs

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GenCore version 5.1.6  
Copyright (c) 1993 - 2003 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 7, 2003, 09:37:27 ; Search time 12.5 Seconds  
(without alignments)  
729.688 Million cell updates/sec

Title: US-09-524-531c-13

Perfect score: 163  
Sequence: 1 MALSRLRLRYARLPHEFL.....VNYRTSEGDPRHKSFVI 310

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Database : Issued Patents, AA:\*

1: /cgn2\_6/ptodata/1/1aa/5A\_COMB.pep:\*\n2: /cgn2\_6/ptodata/1/1aa/5B\_COMB.pep:\*\n3: /cgn2\_6/ptodata/1/1aa/6A\_COMB.pep:\*\n4: /cgn2\_6/ptodata/1/1aa/6B\_COMB.pep:\*\n5: /cgn2\_6/ptodata/1/1aa/PTUS\_COMB.pep:\*\n6: /cgn2\_6/ptodata/1/1aa/backfilltest.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	498	30.5	298	4	US-09-152-060-76
	478	29.3	312	4	US-09-254-465A-9
	449.5	25.4	300	4	US-09-254-465A-10
	415	25.4	299	4	US-09-188-930-331
	415	25.4	299	4	US-09-462-270-2
	415	25.4	299	4	US-09-254-465A-1
	403	24.7	299	4	US-09-188-930-189
	381.5	22.4	260	4	US-09-254-465A-23
	381.5	22.4	263	4	US-09-254-465A-25
	283	17.3	205	4	US-09-462-270-4
	242.5	14.8	319	1	US-08-597-495B-22
	242.5	14.8	319	4	US-09-068-051A-22
	242.5	14.8	319	4	US-09-336-536-67
	242.5	14.8	319	4	US-09-254-465A-6
	240.5	14.7	318	4	US-09-068-051A-32
	236.5	14.5	270	4	US-09-254-465A-24
	236.5	14.5	273	4	US-09-254-465A-26
	197.5	12.1	387	4	US-09-175-928-2
	197.5	12.1	387	4	US-08-928-383B-2
	197.5	10.6	365	2	US-08-979-424-3
	197.5	10.6	365	4	US-09-272-496-2
	172.5	10.6	370	4	US-09-336-536-28
	172.5	10.5	341	4	US-09-336-536-29
	171.5	10.5	390	2	US-08-979-424-1
	171.5	10.3	365	4	US-09-336-536-40
	167.5	10.3	394	4	US-09-336-536-39
	166	10.2	1101	3	US-08-986-485-2

28	161.5	9.9	246	4	US-09-336-536-31	Sequence 31, Appl
29	160	9.8	869	1	US-08-374-834-16	Sequence 16, Appl
30	160	9.8	869	2	US-08-644-271-29	Sequence 29, Appl
31	160	9.8	869	4	US-09-077-955-33	Sequence 33, Appl
32	156.5	9.6	365	4	US-08-928-383B-23	Sequence 23, Appl
33	156.5	9.6	365	4	US-08-928-383B-24	Sequence 24, Appl
34	151.5	9.3	365	4	US-08-928-383B-26	Sequence 26, Appl
35	151	9.2	1091	3	US-08-986-485-5	Sequence 5, Appl
36	150	9.2	1297	4	US-09-245A-17	Sequence 17, Appl
37	148	9.1	607	2	US-08-752-307B-12	Sequence 12, Appl
38	148	9.1	607	4	US-09-707-802-12	Sequence 12, Appl
39	148	9.1	607	4	US-09-991-326-12	Sequence 12, Appl
40	147.5	9.0	501	2	US-08-408-095-31	Sequence 31, Appl
41	147	9.0	95	4	US-08-928-383B-18	Sequence 18, Appl
42	147	9.0	1395	4	US-09-540-245A-15	Sequence 15, Appl
43	146.5	9.0	478	5	PCT-US95-08493-15	Sequence 15, Appl
44	146.5	9.0	860	5	PCT-US95-08493-19	Sequence 19, Appl
45	146.5	9.0	868	5	PCT-US95-08493-21	Sequence 21, Appl

## ALIGNMENTS

RESULT 1  
US-09-152-060-76

Sequence 76, Application US/09152060

Patent No. 6448230

GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: 28 Human Secreted Proteins

FILE REFERENCE: P2003pl.US

CURRENT APPLICATION NUMBER: US/09/152,060

EARLIER FILING DATE: 1998-09-11

EARLIER APPLICATION NUMBER: PCT/US98/04858

EARLIER FILING DATE: 1998-03-12

EARLIER APPLICATION NUMBER: 60/040,762

EARLIER FILING DATE: 1997-03-14

EARLIER APPLICATION NUMBER: 60/040,710

EARLIER FILING DATE: 1997-03-14

EARLIER APPLICATION NUMBER: 60/050,934

EARLIER FILING DATE: 1997-05-30

EARLIER APPLICATION NUMBER: 60/048,100

EARLIER FILING DATE: 1997-05-30

EARLIER APPLICATION NUMBER: 60/057,765

EARLIER FILING DATE: 1997-09-05

EARLIER APPLICATION NUMBER: 60/048,970

EARLIER FILING DATE: 1997-06-06

EARLIER APPLICATION NUMBER: 60/068,368

EARLIER FILING DATE: 1997-12-19

NUMBER OF SEQ ID NOS: 118

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 76

LENGTH: 298

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: SITE

LOCATION: (42)

OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

FEATURE:

NAME/KEY: SITE

LOCATION: (58)

OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

US-09-152-060-76

Query Match

Best Local Similarity 30.5%; Score 498; DB 4; Length 298;

Matches 117; Conservative 61; Mismatches 112; Indels 26; Gaps 9;

QY 3 LSRRLRLRYARLPHFELLFRGCM1-----EAVNLKSSNRNPVH--EFESVELSCI1 55  
DB 1 MARSRHRL-----LILLRLYLVAALGYHKAAGSAPKDOQVTAAYVQAIIAC-K 51  
QY 56 THSQTDPRLEWKIIOGQTYTYYPFNKIIOGDLAGRTDVGKTSLSRIWYTRSDSAIYRC 115  
DB 52 TPKKTYXSRLEWKI--GRSVFYYOQTLQGDPEKNAEM1--DENIRIKNTRSDACKYRC 109  
QY 116 EVALANDR--KEVDEITIELIVQKPTVPCRIPAAVPGKATILQCOESGYPHYSWY 174  
DB 110 EVSAPSEOGNLEEDVTLEVLVAPAVPSCEVSSALSGIVELRCODKEGNPAPEYTW 169  
QY 175 RNDVPLPTSRANPRFONSSEFVNSSETGTLVFNVAHKDSGOYYCIAANDAGARCEGOD 234  
DB 170 KDGIRLENPRLGOSGTSNSTYMTNKTGTLQFNTVSLDTGEXSCARNSVGYRRCFGKR 229  
QY 235 MEYYDINAGIIGVLVILVLAIVTMGICCARRCGFISSKODGESYSPGKHGVNYI 294  
DB 230 MOYDDINISGIIAIVVAVVAVLIVSVCGIGVCAQRKGFF--SKE-----TSFORSNSSRA 282  
QY 295 RTSEGDPRHKSSEFVI 310  
DB 283 TTMSENDPKTKTSFII 298

## RESULT 2

US-09-254-465A-9  
Sequence 9, Application US/09254465A  
Patent No. 6410708  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Fong, Sherman  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS  
FILE REFERENCE: P1216R1 (US)  
CURRENT APPLICATION NUMBER: US/09/254,465A  
CURRENT FILING DATE: 1999-03-05  
PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO 9  
LENGTH: 312  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-254-465A-9

Query Match 29.3%; Score 478; DB 4; Length 312;

Best Local Similarity 36.3%; Pred. No. 4.8e-40; Indels 22; Gaps 8;

Matches 110; Conservative 62; Mismatches 109;

QY 3 LSRRLRLRYARLPHFELLFRGCM1-----EAVNLKSSNRNPVH--EFESVELSCI1 55  
DB 1 MARSRHRL-----LILLRLYLVAALGYHKAAGSAPKDOQVTAAYVQAIIAC-K 51  
QY 56 THSQTDPRLEWKIIOGQTYTYYPFNKIIOGDLAGRTDVGKTSLSRIWYTRSDSAIYRC 115  
DB 52 TPKKTYXSRLEWKI--GRSVFYYOQTLQGDPEKNAEM1--DENIRIKNTRSDACKYRC 109  
QY 116 EVALANDR--KEVDEITIELIVQKPTVPCRIPAAVPGKATILQCOESGYPHYSWY 174  
DB 110 EVSAPSEOGNLEEDVTLEVLVAPAVPSCEVSSALSGIVELRCODKEGNPAPEYTW 169

QY 175 RNDVPLPTSRANPRFONSSEFVNSSETGTLVFNVAHKDSGOYYCIAANDAGARCEGOD 234  
DB 170 KDGIRLENPRLGOSGTSNSTYMTNKTGTLQFNTVSLDTGEXSCARNSVGYRRCFGKR 229  
QY 235 MEYYDINAGIIGVLVILVLAIVTMGICCARRCGFISSKODGESYSPGKHGVNYI 291  
DB 230 MOYDDINISGIIAIVVAVVAVLIVSVCGIGVCAQRKGFFSKTSFORSNSSRATTSSENV 289  
QY 292 NYI 294  
DB 290 QWL 292

## RESULT 3

US-09-254-465A-10  
Sequence 10, Application US/09254465A  
Patent No. 6410708  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Fong, Sherman  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS  
FILE REFERENCE: P1216R1 (US)  
CURRENT APPLICATION NUMBER: US/09/254,465A  
CURRENT FILING DATE: 1999-03-05  
PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO 10  
LENGTH: 300  
TYPE: PRT  
ORGANISM: Mus musculus  
US-09-254-465A-10

Query Match 27.5%; Score 449.5; DB 4; Length 300;

Best Local Similarity 34.2%; Pred. No. 3.3e-37; Indels 15; Gaps 7;

Matches 102; Conservative 64; Mismatches 117;

QY 20 LLLFRGCMIEAV-----NLKSSNRNPVHHESEVELSCI1HSQTDPRLEWKIIOGQ 74  
DB 11 LLLFRGCMIEAV-----NLKSSNRNPVHHESEVELSCI1HSQTDPRLEWKIIOGQ 68  
QY 75 TTYVYFDNKIIOGDLAGRTDVGKTSLSRIWYTRSDSAIYRCVAVLNDKREVEITIELI 134  
DB 69 TALVCNSQITAPYADRV--TFSSSGITSSVYRKONGEYTC--MVEBEGQNGEVSIIHL 126  
QY 135 VOYKPTVPCRIPAAVPGKATILQCOESGYPHYSWYRNDVPLPT--DSANPRFONS 193  
DB 127 VLVPSEKPTISVPSSTIGNRAVLTCSEHDSPPPEYSWFKGISMLTDAKKTAFNNS 186  
QY 194 SFHNSSETGTLVFNVAHKDSGOYYCIAANDAGAR--RCGQMEYVDINAGIIGVLVY 252  
DB 187 SFTIPKSGDLIFDPYTAADFSEYVCOANGYGTMRSEAAHMDVAVLNVGIIAVALVT 246  
QY 253 LILVAVTMGICCARRCGFISSKODGESYSPGKHGVNYIYRTSEGDPRHKSSEFVI 310  
DB 247 LILVAVTMGICCARRCGFISSKODGESYSPGKHGVNYIYRTSEGDPRHKSSEFVI 300

## RESULT 4

```

US-09-188-930-331
; Sequence 311, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; TITLE OF INVENTION: and Methods For Their Use
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188, 930A
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 331
; LENGTH: 299
; TYPE: PRT
; ORGANISM: Human
US-188-930-331

```

```

Query Match      25.4%; Score 415; DB 4; Length 299;
Best Local Similarity 33.8%; Pred. No. 9.9e-34;
Matches 100; Conservative 50; Mismatches 132; Indels 14; Gaps 6;

```

```

QY 18 FFLLLFRGCMIEAVNLKSSNNRPVHBEFSEVLSGIIITHSQTSPIREMKKIQQGQTY 77
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
DB 15 FLAILLCSLALGSLVTHSSSEPEVRIPENNPKVLSG--AYSGFSSPRVEMKFDQDQDTTL 72
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
QY 78 VFENDKIQDLAGRTDVGKTSLRIMWTRSDSAIYRCVVALNDRKEVDITIELIYOV 137
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
DB 73 VCYNKKTASVEDRV-TFLPTGITFKSVTRREDIGTYTC-MVSEEGNSYGEVKVLIYV 130
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
QY 138 KQVTPVCRIPAAVPVKGATLQOCSEGYPRPHYSWYRNDVLPDTSRANPRFONSSFHV 197
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
DB 131 PPSKRTVINPSSATIGNRAVLTCSEODGSPSEBYTFWFGKIWPTNPKSTRAFSNSSLVYL 190
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
QY 198 NSETGLVFNVAHKDQSGQYCIASNDAGARCEQG-DMEVYDLNIAIGIIGVLLVYL 256
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
DB 191 NPTTGLVDFPLASDTEGSCENANGYGTPTNSAVERNAVERNVGIVAAVLVTLLIL 250
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
QY 257 AVITMGICAVRGGFISSKODGESYKSPGKHGDNVYIRTS--EEGDPRHSSFPV 310
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
DB 251 GILVFGIWFAVSRGHFDRFKKGTSSKK-----VIYQPSARSSEGFQKQTSSFLV 299
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |

```

```

RESULT 5
US-09-462-270-2
; Sequence 2, Application US/09462270
; Patent No. 6358707
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Human Fil Antigen: A Cell Surface
; TITLE OF INVENTION: Receptor Involved in Platelet Aggregation
; FILE REFERENCE: GH-70150US
; CURRENT APPLICATION NUMBER: US/09/462, 270
; PRIOR FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 60/052,186
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 299
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-09-462-270-2

```

```

Query Match      25.4%; Score 415; DB 4; Length 299;
Best Local Similarity 33.8%; Pred. No. 9.9e-34;
Matches 100; Conservative 50; Mismatches 132; Indels 14; Gaps 6;
QY 18 FFLLLFRGCMIEAVNLKSSNNRPVHBEFSEVLSGIIITHSQTSPIREMKKIQQGQTY 77

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DB 15 FLAILLCSLALGSLVTHSSSEPEVRIPENNPKVLSG--AYSGFSSPRVEMKFDQDQDTTL 72
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
QY 78 VFENDKIQDLAGRTDVGKTSLRIMWTRSDSAIYRCVVALNDRKEVDITIELIYOV 137
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
DB 73 VCYNKKTASVEDRV-TFLPTGITFKSVTRREDIGTYTC-MVSEEGNSYGEVKVLIYV 130
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
QY 138 KQVTPVCRIPAAVPVKGATLQOCSEGYPRPHYSWYRNDVLPDTSRANPRFONSSFHV 197
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
DB 131 PPSKRTVINPSSATIGNRAVLTCSEODGSPSEBYTFWFGKIWPTNPKSTRAFSNSSLVYL 190
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
QY 198 NSETGLVFNVAHKDQSGQYCIASNDAGARCEQG-DMEVYDLNIAIGIIGVLLVYL 256
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
DB 191 NPTTGLVDFPLASDTEGSCENANGYGTPTNSAVERNAVERNVGIVAAVLVTLLIL 250
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
QY 257 AVITMGICAVRGGFISSKODGESYKSPGKHGDNVYIRTS--EEGDPRHSSFPV 310
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
DB 251 GILVFGIWFAVSRGHFDRFKKGTSSKK-----VIYQPSARSSEGFQKQTSSFLV 299
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |

```

```

RESULT 6
US-09-254-465A-1
; Sequence 1, Application US/09254465A
; Patent No. 6410708
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
; TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
; FILE REFERENCE: P1216R1 (US)
; CURRENT APPLICATION NUMBER: US/09/254, 465A
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US98/24855
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: US 60/066,364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 60/078,936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: PCT/US98/19437
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 1
; LENGTH: 299
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-254-465A-1

```

```

Query Match      25.4%; Score 415; DB 4; Length 299;
Best Local Similarity 33.8%; Pred. No. 9.9e-34;
Matches 100; Conservative 50; Mismatches 132; Indels 14; Gaps 6;
QY 18 FFLLLFRGCMIEAVNLKSSNNRPVHBEFSEVLSGIIITHSQTSPIREMKKIQQGQTY 77
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
DB 15 FLAILLCSLALGSLVTHSSSEPEVRIPENNPKVLSG--AYSGFSSPRVEMKFDQDQDTTL 72
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
QY 78 VFENDKIQDLAGRTDVGKTSLRIMWTRSDSAIYRCVVALNDRKEVDITIELIYOV 137
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
DB 73 VCYNKKTASVEDRV-TFLPTGITFKSVTRREDIGTYTC-MVSEEGNSYGEVKVLIYV 130
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
QY 138 KQVTPVCRIPAAVPVKGATLQOCSEGYPRPHYSWYRNDVLPDTSRANPRFONSSFHV 197
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
DB 131 PPSKRTVINPSSATIGNRAVLTCSEODGSPSEBYTFWFGKIWPTNPKSTRAFSNSSLVYL 190
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
QY 198 NSETGLVFNVAHKDQSGQYCIASNDAGARCEQG-DMEVYDLNIAIGIIGVLLVYL 256
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |
DB 191 NPTTGLVDFPLASDTEGSCENANGYGTPTNSAVERNAVERNVGIVAAVLVTLLIL 250
| | | | | : | | | | | : | | | | | : | | | | | : | | | | |

```

QY 257 AVITMGICAYRRGCFISSKODESYKSPGKHGDNVYIRTS--EEGDFRHKSSFVI 310  
Db 251 GILVFGIWFAYSRGHGDRTKKGTSSKK-----VIYQSPASRSEBEFKOTSSFLV 299

## RESULT 7

US-09-188-930-189  
Sequence 189, Application US/09188930A  
Patent No. 6150502  
GENERAL INFORMATION:  
APPLICANT: Watson, James D.  
APPLICANT: Strachan, Lorna  
APPLICANT: Sleeman, Matthew  
APPLICANT: Murison, James Greg  
APPLICANT: Onrust, Rene  
TITLE OF INVENTION: Compositions Isolated From Skin Cells  
FILE REFERENCE: 11000.101c1  
CURRENT APPLICATION NUMBER: US/09/188,930A  
CURRENT FILING DATE: 1998-11-09  
NUMBER OF SEQ ID NOS: 348  
ATTN: PaetsEQ for Windows Version 3.0  
SEQ ID NO 189  
LENGTH: 299  
TYPE: PRT  
ORGANISM: Human  
FEATURE:  
NAME/KEY: UNSURE  
LOCATION: (247)...(247)  
NAME/KEY: UNSURE  
LOCATION: (289)...(289)  
US-09-188-930-189

Query Match 24.7%; Score 403; DB 4; Length 299;

Best Local Similarity 33.1%; Pred. No. 1.6e-32; Indels 14; Gaps 6;

Matches 98; Conservative 50; Mismatches 134; Indels 14; Gaps 6;

QY 18 FFLLLFRGCMIEAVNLKSSRNPNVHEPESVELSCITTHSOTSDPRIEMKKIQDQTTY 77  
Db 15 FILAILLCSALGVSIVHSEPEVRIPENNPKVLSG--AVSGFSSPRVEMKPFQSGDTTL 72  
QY 78 VYFDNKIQDLAGRTDFVFGKTSLRIMNWTNRSDSAIYRCEVALNDRKEVDEITIELIYQY 137  
Db 73 VCYNNKIKITASYEDRV-TFLPTGITFKSVYREDYGTTC-MVSEEGNSYGEVAVKXLIYLV 130  
QY 138 KPTPTPCRIAPAVPVGKTATLQCESEGYRPHYSWNRNVPDPTDSRANPRFONSSEHV 197  
Db 131 PEKPTVNIIPSSATIGRAVLTCSEQDGPSPSEITWFKDGIWPTNPKSTRAFSNSSYVL 190  
QY 198 NSETGTLVFNAVKDSDGQYYCIASNDAGARCEGQ-DMEVYDNLNAGIIGVLLVLIYL 256  
Db 191 NPTTGLVDPPLASDITGEVSCARNGYGTPTMSNAVMBAVERNVGIVAAVLVYXILL 250  
QY 257 AVITMGICAYRRGCFISSKODESYKSPGKHGDNVYIRTS--EEGDFRHKSSFVI 310  
Db 251 GILVFGIWFAYSRGHGDRTKKGTSSKK-----VIYQSPASRSEBEFKOTSSFLV 299

## RESULT 8

US-09-254-465A-23  
Sequence 23, Application US/09254465A  
Patent No. 6410708  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Fong, Sherman  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
OF DISEASES CHARACTERIZED BY A33-RELATED ANTIGENS

FILE REFERENCE: P1216R1 (US)  
CURRENT APPLICATION NUMBER: US/09/254,465A.  
CURRENT FILING DATE: 1999-03-05

PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30

SEQ ID NO 23  
LENGTH: 260  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-254-465A-23

Query Match 23.4%; Score 381.5; DB 4; Length 260;

Best Local Similarity 34.6%; Pred. No. 1.9e-30;

Matches 88; Conservative 43; Mismatches 118; Indels 5; Gaps 4;

QY 31 AVNLKSSRNPNVHEPESVELSCITTHSOTSDPRIEMKKIQDQTTYVYFDNKIQDLAG 90  
Db 5 SVTVHSEPEVRIPENNPKVLSG--AVSGFSSPRVEMKPFQSGDTTLRYCYNNKIKITASYED 62  
QY 91 RTDVFCKTSLRIMNWTNRSDSAIYRCEVALNDRKEVDEITIELIYQVKNVTPVCRIPAAV 150  
Db 63 RV-TFLPTGITFKSVYREDYGTTC-MVSEEGNSYGEVAVKXLIYLVNPTTGLVFDPLS 120  
QY 151 PVGKTATLQCESEGYRPHYSWNRNVPDPTDSRANPRFONSSEHVSETGTLVFNAVH 210  
Db 121 TIGNRAVLTCSEQDGPSPSEITWFKDGIWPTNPKSTRAFSNSSYVLNPTTGLVFDPLS 180  
QY 211 KQDSQYIYIANDAGARCEGQ-DMEVYDNLNAGIIGVLLVLIYAVITMGICAYRR 269  
Db 181 ASDTGEVSCARNGYGTPTMSNAVMBAVERNVGIVAAVLVLIIGLVGIFAYSR 240  
QY 270 GCFISSKODESYK 283  
Db 241 GHFDRTKKGTSSKK 254

## RESULT 9

US-09-254-465A-25  
Sequence 25, Application US/09254465A  
Patent No. 6410708  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Fong, Sherman  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
OF DISEASES CHARACTERIZED BY A33-RELATED ANTIGENS  
FILE REFERENCE: P1216R1 (US)  
CURRENT APPLICATION NUMBER: US/09/254,465A  
CURRENT FILING DATE: 1999-03-05  
PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO 25  
LENGTH: 263  
TYPE: PRT

ORGANISM: Homo sapiens  
US-09-254-465A-25

Query Match 23.4%; Score 381.5; DB 4; Length 263;  
Best Local Similarity 34.6%; Pred. No. 1.9e-30;  
Matches 88; Conservative 43; Mismatches 118; Indels 5; Gaps 4;

QY 31 AVNLKSNPNVHEFESVELSCITHTSOTSPRIEMKKIQDQTTYYVFNKIQDGLG 90  
DB 8 SVTVHSSBEVRIPENNPKLSC--AYSGFSSPRVEMKFDQDPTTRLVYNNKIKTASYD 65  
QY 91 RVDVGGKSLRWNTSRSAIYRCEVALNDRKEVDEITIELIYQVKVTPVCRIPAV 150  
DB 66 RV-TLPTGITPKTSVTRDPTGYTC-MVSEEGNSYGEVKVLIYLVPPSKPTVINIPSSA 123  
QY 151 PVGKATATLOCOSEGYPRPHYSMYNDVLPDTSRANPRFONSPHVNSEGTIVFNAYH 210  
DB 124 TIGNRAVLTCSEODSPSEETWFKDGIWPTNPKSTRAFSSSYLVNLTBELVFDPLS 183  
QY 211 KDSGQYCIASNDGAARCEGO-DMEVYDLNAGIIGVLVLLVAVITMGICAYR 269  
DB 184 ASDTGEYCEARNNGYGTPTSNAVMEAVERNVGVVAAVLTLILGLIVGIMFAYSR 243  
QY 270 GCFISSKQDGSYK 283  
DB 244 GHFDRTKKGTSSKK 257

## RESULT 10

US-09-462-270-4  
Sequence 4, Application US/09462270  
Patent No. 6358707  
GENERAL INFORMATION:  
APPLICANT: SmithKline Beecham Corporation  
TITLE OF INVENTION: Human FII Antigen: A Cell Surface  
FILE REFERENCE: GH-70150US  
CURRENT APPLICATION NUMBER: US/09/462,270  
CURRENT FILING DATE: 2000-01-05  
PRIOR APPLICATION NUMBER: 60/052,186  
PRIOR FILING DATE: 1997-07-10  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FASTSEQ for Windows Version 3.0  
SEQ ID NO: 4  
LENGTH: 205  
TYPE: PRT  
ORGANISM: HOMO SAPIENS  
US-09-462-270-4

Query Match 17.3%; Score 283; DB 4; Length 205;  
Best Local Similarity 33.5%; Pred. No. 1.1e-20;  
Matches 64; Conservative 34; Mismatches 89; Indels 4; Gaps 3;

QY 18 FFLILFFGCMIEAVNLKSNPNVHEFESVELSCITHTSOTSPRIEMKKIQDQTT 77  
DB 15 FILAILLCSLALGTVHSSBEVRIPENNPKLSC--AYSGFSSPRVEMKFDQDPTRL 72  
DB 73 VCIINKKIKASVEDRY-TLPTGITPKTSVTRDPTGYTC-MVSEEGNSYGEVKVLIYLV 130  
QY 78 VYFDKIKIGDLAGRDVGGKSLRWNTSRSAIYRCEVALNDRKEVDEITIELIYQV 137  
DB 138 KPVTPVCRIPAVVPVGTATLOCOSEGYPRPHYSMYNDVLPDTSRANPRFONSPHV 197  
DB 131 PPSKTVNIPSATIGNRAVLTCSEODSPSEETWFKDGIWPTNPKSTRAFSSSYLV 190  
QY 198 NSETGTVFNA 208  
DB 191 NPTGELVFES 201

## RESULT 11

US-08-597-495B-22  
Sequence 22, Application US/08597495B

Patent No. 5712369  
GENERAL INFORMATION:  
APPLICANT: Old, Lloyd J.; Well, Sydney; Ritter, Geri;  
APPLICANT: Simpson, Richard J.; Nice, Edouard; Moritz, R. L.;  
APPLICANT: Catmel, B. J.; Hong, Burgess, Anthony W.;  
APPLICANT: Heath, Joan K.; White, Sara J.; Johnstone, Cameron  
TITLE OF INVENTION: Colon Cell And Colon Cancer Cell  
TITLE OF INVENTION: Associated Nucleic Acid Molecules, Protein And Peptides  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Felfe & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
COUNTRY: USA  
ZIP: 10022

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/597,495B  
FILING DATE: 02-Feb-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/511,876  
FILING DATE: 04-Aug-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 5712369man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5316.1  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 688-3884  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 319 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
US-08-597-495B-22

Query Match 14.8%; Score 242.5; DB 1; Length 319;  
Best Local Similarity 25.7%; Pred. No. 2.6e-16;  
Matches 80; Conservative 49; Mismatches 123; Indels 59; Gaps 12;

QY 29 IEAVNLKSNPNVHEFESVELSCITHTSOTSPRIEMKKIQDQTTYYV---FNK 83  
DB 19 VDAISVETPODVLRAOQKSVTLPCYV-HTSTSSREGILQMDKLLTTRTRVIMPFENK 77  
QY 84 --IGDL-----AGRTDVGGKSLRWNTSRSAIYRCEVALNDRKEVDEIT 131  
DB 78 NYIHGELKRNVSISNNBOSD---ASITTDQLTMADNGTYECSVLSMSDLEGNTKSRV 133  
QY 132 ELIYQVKVTPVCRIPAVVPVGTATLOCOSEGYPRPHYSMYNDV-----PLPTDSRA 186  
DB 134 RLVLVPPSKKEGIEBGTIIANNIQLTCQKESPTPOYSWKRYNINLQGPPLAQPSAG 193  
QY 187 NPFONSPHVNSEGTIVFNAYHAKDSDGOYYCIASNDAG-----AARCEODMEV 238  
DB 194 QP-----VSLNKISTDTSGYIYCTSSNBEGTQFCNITVAVSPSMNVALY 238  
QY 239 DLNAGIIGVLVLLVAVITMGICAYRRCFTISSKODG-----ESYKSGKHDGVNVI 294  
DB 239 ---VGIAVGVAALIIIGII-IYCCCGKGDNTDEKEDARPRAVEEPPQLRELISR 293  
QY 295 RTSEGDPRFK 305  
DB 294 EREEDDYROE 304

## RESULT 12

US-09-068-051A-22

/ Sequence 22, Application US/09068051A  
/ Patent No. 6291235  
/ GENERAL INFORMATION:  
/ APPLICANT: Old, Lloyd J.; Wolt, Sydney; Ritter, Gerd;  
/ Simpson, Richard J.; Nuce, Edward; Moritz, R. L.;  
/ Catmel, B.; Ji, Hong; Burgess, Anthony W.;  
/ Heath, Joan K.; White, Sara J.; Johnstone, Cameron  
/ TITLE OF INVENTION: Colon Cell And Colon Cancer Cell  
/ Associated Nucleic Acid Molecules, Protein And Peptides  
/ NUMBER OF SEQUENCES: 33  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Fulbright & Jaworski LLP  
/ STREET: 666 Fifth Avenue  
/ CITY: New York City  
/ STATE: New York  
/ COUNTRY: USA  
/ ZIP: 10103  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage  
/ COMPUTER: IBM PS/2  
/ OPERATING SYSTEM: PC-DOS  
/ SOFTWARE: Wordperfect  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/09/068,051A  
/ FILING DATE: 10-Dec-1998  
/ CLASSIFICATION: 435  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 08/597,495  
/ FILING DATE: 02-Feb-1996  
/ APPLICATION NUMBER: 08/511,876  
/ FILING DATE: 04-Aug-1995  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Hanson, No. 6291235man D.  
/ REGISTRATION NUMBER: 30,946  
/ REFERENCE/DOCKET NUMBER: LUD 5316.2  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (212) 752-5958  
/ TELEFAX: (212) 752-5958  
/ INFORMATION FOR SEQ ID NO: 22  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 319 amino acids  
/ TYPE: amino acid  
/ TOPOLOGY: linear  
/ SEQUENCE DESCRIPTION: SEQ ID NO: 22  
/ US-09-068-051A-22  
  
Query Match 14.8%; Score 242.5; DB 4; Length 319;  
Best Local Similarity 25.7%; Pred. No. 2.6e-16;  
Matches 80; Conservative 49; Mismatches 123; Indels 59; Gaps 12;  
  
QY 29 IEAVNLKSSNRNPVHFESEVELSCIIITHSOTS--DPRLEMKKIDOGQTTYYV---FDNK 83  
DB 19 VDAISVETPDVLRASQGSVTLPCITY-HTSTSSREGLIOMDKLLTHTRVVIWPFNSK 77  
QY 84 --IIGDL-----AGRTDVFGKTSLRIMWVTRSDSAIYRCEVVALNDRKVEDEITI 131  
DB 78 NYHGLGYKRVASISNNAEQSD---ASITIDQLTMADNGTYECVSLSMDLEGNTKSRV 133  
QY 132 ELIVQKPTVPYCRIPAAVPGKATLQCESEEGYPRPHYSRYNDV-----PLPTDSRA 186  
DB 134 RLVLVLPSPKPECGIEGETIIGNNIQLTQSKSGSPPOYSWKRYNLIHQEPLAQPSAG 193  
QY 187 NPFQNSFHVNSSETGLVFNVAHKDSDGQYCIASNDG-----AARCEGDMVEY 238  
DB 194 QP-----VSLKNISTDTSGYICTSSNEETGTCNITVAVRSPSNVALY 238  
QY 239 DLNIAIGIGLVVLIVLAVITMGICAVYRGCFISSKODG---ESYKSPKHDGVNYI 294  
DB 239 ---VGIAVGVAALIIIGII-IVCCCCRGKDNTEDEKEDAPRNREAYEPEQLRELNR 293  
QY 295 RTSEEDGFRHK 305  
DB 294 EREEDDYROE 304

RESULT 13  
US-09-336-536-67  
/ Sequence 67, Application US/09336536  
/ Patent No. 6406884  
/ GENERAL INFORMATION:  
/ APPLICANT: Leiby, K.  
/ APPLICANT: McKay, C.  
/ APPLICANT: Bosone, S.  
/ TITLE OF INVENTION: SECRETED PROTEINS AND USES THEREOF  
/ FILE REFERENCE: 7853-144  
/ CURRENT APPLICATION NUMBER: US/09/336,536  
/ CURRENT FILING DATE: 1999-06-18  
/ NUMBER OF SEQ ID NOS: 75  
/ SOFTWARE: PatentIn Ver. 2.0  
/ SEQ ID NO: 67  
/ LENGTH: 319  
/ TYPE: PRT  
/ ORGANISM: Homo sapiens  
/ US-09-336-536-67  
  
Query Match 14.8%; Score 242.5; DB 4; Length 319;  
Best Local Similarity 25.7%; Pred. No. 2.6e-16;  
Matches 80; Conservative 49; Mismatches 123; Indels 59; Gaps 12;  
  
QY 29 IEAVNLKSSNRNPVHFESEVELSCIIITHSOTS--DPRLEMKKIDOGQTTYYV---FDNK 83  
DB 19 VDAISVETPDVLRASQGSVTLPCITY-HTSTSSREGLIOMDKLLTHTRVVIWPFNSK 77  
QY 84 --IIGDL-----AGRTDVFGKTSLRIMWVTRSDSAIYRCEVVALNDRKVEDEITI 131  
DB 78 NYHGLGYKRVASISNNAEQSD---ASITIDQLTMADNGTYECVSLSMDLEGNTKSRV 133  
QY 132 ELIVQKPTVPYCRIPAAVPGKATLQCESEEGYPRPHYSRYNDV-----PLPTDSRA 186  
DB 134 RLVLVLPSPKPECGIEGETIIGNNIQLTQSKSGSPPOYSWKRYNLIHQEPLAQPSAG 193  
QY 187 NPFQNSFHVNSSETGLVFNVAHKDSDGQYCIASNDG-----AARCEGDMVEY 238  
DB 194 QP-----VSLKNISTDTSGYICTSSNEETGTCNITVAVRSPSNVALY 238  
QY 239 DLNIAIGIGLVVLIVLAVITMGICAVYRGCFISSKODG---ESYKSPKHDGVNYI 294  
DB 239 ---VGIAVGVAALIIIGII-IVCCCCRGKDNTEDEKEDAPRNREAYEPEQLRELNR 293  
QY 295 RTSEEDGFRHK 305  
DB 294 EREEDDYROE 304  
  
RESULT 14  
US-09-254-465A-6  
/ Sequence 6, Application US/09254465A  
/ Patent No. 6410708  
/ GENERAL INFORMATION:  
/ APPLICANT: Genentech, Inc.  
/ APPLICANT: Ashkenazi, Avi J.  
/ APPLICANT: Fong, Sherman  
/ APPLICANT: Goddard, Audrey  
/ APPLICANT: Guirey, Austin L.  
/ APPLICANT: Napier, Mary A.  
/ APPLICANT: Tumas, Daniel  
/ APPLICANT: Wood, William I.  
/ TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
/ OF DISEASES CHARACTERIZED BY A33-RELATED ANTIGENS  
/ FILE REFERENCE: P1216R1 (US)  
/ CURRENT APPLICATION NUMBER: US/09/254,465A  
/ CURRENT FILING DATE: 1999-03-05  
/ PRIOR APPLICATION NUMBER: PCT/US98/24855  
/ PRIOR FILING DATE: 1998-11-20  
/ PRIOR APPLICATION NUMBER: US 60/066,364  
/ PRIOR FILING DATE: 1997-11-21



PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO 6  
LENGTH: 319  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-254-465A-6

Query Match 14.8%; Score 242.5; DB 4; Length 319;  
Best Local Similarity 25.7%; Pred. No. 2,6e-16;  
Matches 80; Conservative 49; Mismatches 123; Indels 59; Gaps 12;

QY 29 IEAVVUKSNRPVHFEFSEVLSCTITHSQTS--DPRLEMKKIQDGGTYYV---FDNK 83  
DB 19 VVAISVETPDVLRASQGSVTLPTCTY-HTSTSSREGLIQMDKLLTHTERVVIMPFNSK 77  
QY 84 --IQCGL-----AGRTDVFGRSLRINWVTRSDSAIYRCEVVALNDRKXVDEITI 131  
DB 78 NTHBELLYKNRYSISNNAGSD---ASTITDQLTMAADGTCEVSLSMSDEGNTKSYV 133  
QY 132 ELIVQKPVTPVCRIPAAVPGKATLQCESEGEYRPHYSWYRNDV---PLPTDSRA 186  
DB 134 RLIVLVPPKPCGIGETITIGNNIQLTQSKESGPTQYSWKRYVILNQBPDLAQPASG 193  
QY 187 NRPFQSSSHVASECTIVFNVAHKDSCGYICIANDAG-----AARCEGDMEYV 238  
DB 194 QP-----VSLKNISTDPTSGYICTSSNEGTOFCNITVAVRPSNMVALY 238  
QY 239 DNIAGIIGVLVVLIVITWIGICAYRGCFFISSKODG---ESYSPGKHGDNVYI 294  
DB 239 ----VGANGVVAALIIIGIT-IYCCCGCKDNDKEDARPNRAAYEPEPQLRELSR 293  
QY 295 RTSEEGDFRHK 305  
DB 294 EREEDDYRQE 304

## RESULT 15

US-09-068-051A-32  
Sequence 32, Application US/09068051A  
Patent No. 6291235

## GENERAL INFORMATION:

APPLICANT: Old, Lloyd J.; Welt, Sydney; Ritter, Gerd;  
Simpson, Richard J.; Nice, Edouard; Moritz, R. L.;  
Cattamel, B.; Ji, Hong; Burgess, Anthony W.;  
Heath, Joan K.; White, Sara J.; Johnstone, Cameron

TITLE OF INVENTION: Colon Cell And Colon Cancer Cell  
Associated Nucleic Acid Molecules, Protein And Peptides

NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fulbright & Jaworski LLP  
STREET: 666 Fifth Avenue  
CITY: New York City  
STATE: New York  
COUNTRY: USA  
ZIP: 10103

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/068, 051A

FILING DATE: 10-Dec-1998

CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/597,495

FILING DATE: 02-Feb-1996

APPLICATION NUMBER: 08/511,876

FILING DATE: 04-Aug-1995

## ATTORNEY/AGENT INFORMATION:

NAME: Hanson, No. 6291235man D.

REGISTRATION NUMBER: 30,946

REFERENCE/DOCKET NUMBER: LUD 5316.2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 318-3168

TELEFAX: (212) 752-5598

INFORMATION FOR SEQ ID NO: 32

SEQUENCE CHARACTERISTICS:

LENGTH: 318 amino acids

TYPE: amino acid

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 32

US-09-068-051A-32

Query Match 14.7%; Score 240.5; DB 4; Length 318;  
Best Local Similarity 24.9%; Pred. No. 4e-16;  
Matches 73; Conservative 37; Mismatches 122; Indels 61; Gaps 10;

QY 48 SVELSCIT-THSQSDPRLEMKKIQDGGT-----TVYV---FDNKIQGLAGRT 92  
DB 37 SVTLPTCTNTTVSDREGTIQMDKLSQTERVVTNPFVTKTIYGNRYENRVR---VNSD 93  
QY 93 DVFGRSLRINWVTRSDSAIYRCEVVALNDRKXVDEITIELIVQKPVTPVCRIPAAV 152  
DB 94 AELSNASITIDQLTMDNGTCEVSLSMSDDVNAKSRVRLVLPKPCDSIGEMVYI 153  
QY 153 GKTATLQCESEGEYRPHYSW-----YRNDVPLPTDSRANRPFQSSSHVASECTIVFN 207  
DB 154 GNNIQLTCHSAEGSPSPQYSWKSYNAQORPLTOPVSGEP-----LILK 198  
QY 208 AVHKDSCGYICIANDGAARCE-----GDMRYDNIAGIIGVLVVLIVAVYI 259  
DB 199 NISTETAGYICTSSNDGIESCNITVAPRPSNMVALY---AGIASVFVALIIIGVYI 254  
QY 260 TWGICAYRGCFFISSKODG-----SYSPGKHGDNVYIRTSSEGDFFRHK 305  
DB 255 VYCCCRKED---DKQDREDARPNRAAYQVPKKEQKEISRGREDDDHRRH 303

Search completed: June 7, 2003, 09:41:40  
Job time: 14.5 secs

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